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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
BIG DELTA/ALLEN AAF, AK

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



AUGUST 1990

APR 28 1991

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**USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER**

Scott Air Force Base, Illinois, 62225-5438

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29 OCT 1990

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 80 - DEC 89 (AIRWAYS -- AMOS DATA 6-8 HRS/DAY).

SUMMARY OF DAY DATA: OCT 45 - DEC 64, AUG 74 - DEC 89 (FULL TIME).

SUMMARY OF DAY DATA: JAN 65 - JUL 74 (PART TIME).

HOURS SUMMARIZED: 00 - 23 LST (EXCEPT VARIABLE HOURS JAN 65 - JUL 74).

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. HIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED B AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 702670/702673		STATION NAME BIG DELTA/ALLEN AAF ALASKA		LATITUDE N 64 00		LONGITUDE W 145 44		FLD ELEV (FT) 1276		CALL SIGN BIG/PABI		WMO NMBR 70267	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmb of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Big Delta, Alaska	FAA	OCT 45	DEC 64	N 64 00	W 145 44	1274	1275	24				
2	Same	FAA	JAN 65	APR 68	Same	Same	Same	Same	8				
3	Same	WBO/FSS	MAY 68	AUG 72	Same	Same	Same	Same	16				
4	Same	FSS	SEP 72	JUL 74	Same	Same	Same	Same	16				
5	SAME	FSS/AMOS	AUG 74	DEC 78	SAME	SAME	SAME	SAME	24				
6	BIG DELTA/ALLEN AAF	SAME	JAN 79	JUN 90	SAME	SAME	1276	UNKNOWN	24				

Nmb of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	OCT 45	On roof	F431-1	N/A	29 ft	
2	Jun 53	Same	F420-B	N/A	Same	
3	Jun 79	On ground	F420-C	N/A	30 ft	
4	Jun 90	Same	Same	N/A	Same	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				1.8		1.8	.1				1.9	727
03-05				1.0		1.0					1.0	723
06-08				1.6		1.6	1.0				2.6	927
09-11				1.3		1.3	1.7				3.0	929
12-14				1.7		1.7	1.5				3.2	929
15-17				1.7		1.7	1.8				3.6	929
18-20				2.4		2.4	1.9		.2		4.5	927
21-23				2.6		2.6	2.6		.1		5.3	845
ALL HOURS				1.8		1.8	1.4		.0		3.2	6936

MONTH: FEB

00-02				.6		.6	.2				.8	646
03-05				.6		.6	.2				.8	630
06-08				1.8		1.8	.8				2.6	831
09-11				1.9		1.9	.7				2.6	849
12-14				2.2		2.2	.2				2.5	849
15-17				2.0		2.0	.5				2.5	848
18-20				2.3		2.3	.6				2.8	843
21-23				1.5		1.5					1.5	734
ALL HOURS				1.7		1.7	.4				2.1	6230

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												700
03-05												664
06-08				2.0		2.0	.8				2.8	897
09-11				2.3		2.3	.9				3.1	927
12-14				1.0		1.0	.4				1.4	928
15-17				.5		.5	.3				.9	928
18-20				.8		.8	.5				1.3	928
21-23				1.3		1.3	.2				1.6	825
ALL HOURS				1.0		1.0	.4				1.5	6797

MONTH: APR

00-02												756
03-05							.1	.1			.3	757
06-08				1.1		1.1	1.2				2.4	885
09-11				1.0		1.0	.8				1.8	899
12-14				.8		.8	.4				1.2	897
15-17		.1		.6		.7	.5				1.1	888
18-20		.1		.7		.8	.5		.1		1.4	874
21-23		.3		.5		.8	.1		.1		1.0	800
ALL HOURS		.1		.6		.7	.5	.0	.0		1.2	6756

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												763
03-05												790
06-08		1.1				1.1	.5	.2			1.8	928
09-11		.6				.6	.3	.1			1.1	929
12-14		1.0				1.0		.1			1.1	930
15-17		.9				.9					.9	925
18-20		1.2				1.2		.4			1.6	920
21-23		.4		.1		.5		.4			.9	802
ALL HOURS		.7		.0		.7	.1	.2			1.0	6987

MONTH: JUN

00-02												725
03-05												748
06-08		2.9				2.9	.6	.3			3.8	897
09-11		1.9				1.9	.7	.6			3.1	898
12-14		2.4				2.4	.9	.4			3.8	899
15-17	.2	2.3				2.3	.8	.2			3.4	894
18-20		1.6				1.6	.1	.3			2.0	896
21-23		.8				.8		.3			1.0	766
ALL HOURS	.0	1.6				1.6	.4	.3			2.3	6723

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												779
03-05												783
06-08		2.5				2.5	.5				3.0	929
09-11	.1	2.3				2.3					2.3	930
12-14	.1	1.6				1.6	.1				1.7	929
15-17	.1	2.0				2.0	.2				2.3	930
18-20	.1	1.9				1.9	.3				2.3	930
21-23		1.3				1.3	.1				1.4	842
ALL HOURS	.1	1.5				1.5	.2				1.7	7052

MONTH: AUG

00-02												713
03-05												756
06-08		1.2				1.2	.3				1.5	930
09-11		.4				.4	.1				.5	926
12-14		.5				.5					.5	926
15-17		.6				.6	.3				1.0	929
18-20	.1	.6				.6	.4				1.1	930
21-23		.4				.4	.3				.6	783
ALL HOURS	.0	.5				.5	.2				.7	6893

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWNG SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												697
03-05												729
06-08		1.1		.9		2.0	1.6				3.6	900
09-11		1.2		.4		1.7	.9				2.6	898
12-14		1.0		.3		1.3	.7				2.0	899
15-17		.7		.2		.9	.9				1.8	900
18-20		.4		.2		.7	.2				.9	900
21-23		.1				.1					.1	726
ALL HOURS		.6		.3		.9	.6				1.5	6649

MONTH: OCT

00-02				1.1		1.1	.6				1.7	707
03-05				1.1		1.1	.7				1.8	706
06-08				1.0		1.0	2.9	.3			4.2	925
09-11				.5		.5	2.3	.6			3.4	928
12-14				1.0		1.0	1.4	.2			2.6	929
15-17		.1		.8		.9	.6	.2			1.7	930
18-20		.2		.9		1.1	1.3	.3			2.7	928
21-23		.3	.1	1.4		1.8	2.3	.3			4.4	781
ALL HOURS		.1	.0	1.0		1.0	1.6	.3			2.9	6834

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												707
03-05												678
06-08				.9		.9	.7				1.6	887
09-11				1.4		1.4	1.3	.1			2.9	898
12-14				.7		.7	1.1	.1			1.9	896
15-17				1.3		1.3	.7				2.0	893
18-20				1.6		1.6	.8	.1			2.4	898
21-23				2.8		2.8	.9	.1			3.8	798
ALL HOURS				1.1		1.1	.7	.1			1.9	6655

MONTH: DEC

00-02				1.1		1.1					1.1	714
03-05				.9		.9	.1				1.0	687
06-08				1.4		1.4	1.0				2.4	923
09-11				1.2		1.2	2.0				3.2	930
12-14				.6		.6	1.7				2.4	928
15-17				.9		.9	1.5				2.4	926
18-20				1.2		1.2	1.4		.3		2.9	922
21-23				1.9		1.9	2.3		.1		4.3	809
ALL HOURS				1.1		1.1	1.3		.1		2.5	6839

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN				1.8		1.8	1.4		.0		3.2	6936
FEB				1.7		1.7	.4				2.1	6230
MAR				1.0		1.0	.4				1.5	6797
APR		.1		.6		.7	.5	.0	.0		1.2	6756
MAY		.7		.0		.7	.1	.2			1.0	6987
JUN	.0	1.6				1.6	.4	.3			2.3	6723
JUL	.1	1.5				1.5	.2				1.7	7052
AUG	.0	.5				.5	.2				.7	6893
SEP		.6		.3		.9	.6				1.5	6649
OCT		.1	.0	1.0		1.0	1.6	.3			2.9	6834
NOV				1.1		1.1	.7	.1			1.9	6655
DEC				1.1		1.1	1.3		.1		2.5	6839
ANNUAL	.0	.4	.0	.7		1.1	.6	.1	.0		1.9	81351

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		1.7	1.4	48.4		48.8	37.3	.5	5.1		65.0	972
FEB		1.2	1.2	47.9		48.4	31.9	.1	3.0		60.3	858
MAR		1.5	.1	44.4		45.4	18.0	.1	1.3		48.0	906
APR	.1	6.3	.1	41.2		45.5	14.5	.2	.6		46.2	873
MAY	1.0	44.2		12.0	.7	50.1	8.0	.6			51.3	969
JUN	6.6	66.3		.5	.6	66.3	8.2	2.1			67.5	1017
JUL	6.1	67.9			.3	67.9	10.9	3.5			70.1	1092
AUG	1.9	62.8		1.0	.4	63.2	15.3	2.7			68.3	1047
SEP		45.7	.3	14.9	.1	54.2	23.4	.7	.2		59.5	971
OCT		10.8	2.2	54.3		60.3	34.2	2.4	.6		67.8	1069
NOV		2.3	1.7	55.0		55.5	29.0	.6	3.0		62.0	955
DEC		1.3	.5	51.0		51.7	31.9	.1	3.8	.1	61.3	997
ANNUAL	1.4	27.2	.6	30.1	.2	55.2	21.8	1.2	1.4	.0	61.0	11726

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08												
09-11							.1					
12-14							.1					
15-17						.2	.1					
18-20							.1	.1				
21-23												
ALL HOURS						.0	.1	.0				
TOTAL OBS	6936	6230	6797	6756	6987	6723	7052	6893	6649	6834	6655	6839

A - 4 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	9.3		3.4	29.7	1.7	22.9	33.1	118
FOG	55.2		2.3	10.3	8.0	9.2	14.9	87
FOG WITH VIS GE 1/2 MILES	52.5		2.5	11.3	7.5	10.0	16.3	80
TOTAL OBS	80	0	7	179	32	38	52	388

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	12.7		4.9	8.8	5.9	29.4	38.2	102
FOG	11.5		3.8	26.9	11.5	23.1	23.1	26
FOG WITH VIS GE 1/2 MILES	11.5		3.8	26.9	11.5	23.1	23.1	26
TOTAL OBS	20	0	10	121	24	57	51	283

A - 5 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP			7.0	2.8	1.4	39.4	49.3	71
FOG				3.4		31.0	65.5	29
FOG WITH VIS GE 1/2 MILES				3.4		31.0	65.5	29
TOTAL OBS	13	0	8	57	29	58	45	210

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP				75.0			25.0	4
FREEZING PRECIP								
FROZEN PRECIP			2.4		4.9	46.3	46.3	41
FOG			3.2		6.5	54.8	35.5	31
FOG WITH VIS GE 1/2 MILES			3.6		7.1	50.0	39.3	28
TOTAL OBS	16	0	6	37	33	104	42	238

A - 5 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FRO HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP			6.4	12.8	4.3	59.6	17.0	47
FREEZING PRECIP								
FROZEN PRECIP						100.0		1
FOG			12.5	37.5		50.0		8
FOG WITH VIS GE 1/2 MILES			16.7	16.7		66.7		6
TOTAL OBS	37	0	14	33	45	123	43	295

MONTH: JUN HOURS: ALL

TSTMS				50.0			50.0	2
LIQUID PRECIP			5.7	3.8	9.5	54.3	26.7	105
FREEZING PRECIP								
FROZEN PRECIP								
FOG				3.7	11.1	51.9	33.3	27
FOG WITH VIS GE 1/2 MILES					11.5	53.8	34.6	26
TOTAL OBS	10	0	29	36	57	151	72	355

A - 5 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS			25.0			50.0	25.0	4
LIQUID PRECIP	1.0		8.6	4.8	4.8	42.9	38.1	105
FREEZING PRECIP								
FROZEN PRECIP								
FOG	8.3		16.7	16.7	8.3	33.3	16.7	12
FOG WITH VIS GE 1/2 MILES	9.1		18.2	18.2	9.1	36.4	9.1	11
TOTAL OBS	7	0	28	29	40	174	85	363

MONTH: AUG HOURS: ALL

TSTMS					100.0			1
LIQUID PRECIP					5.7	54.3	40.0	35
FREEZING PRECIP								
FROZEN PRECIP								
FOG				23.1	7.7	23.1	46.2	13
FOG WITH VIS GE 1/2 MILES				18.2		27.3	54.5	11
TOTAL OBS	4	0	10	32	37	96	42	221

A - 5 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	2.4			7.3	7.3	24.4	58.5	41
FREEZING PRECIP								
FROZEN PRECIP			15.8	15.8			68.4	19
FOG	2.6		7.9	18.4		7.9	63.2	38
FOG WITH VIS GE 1/2 MILES	2.7		8.1	18.9		8.1	62.2	37
TOTAL OBS	6	0	7	64	47	72	58	254

MONTH: OCT HOURS: ALL

TSTMS								
LIQUID PRECIP				20.0		20.0	60.0	5
FREEZING PRECIP						100.0		1
FROZEN PRECIP	4.6		3.1	4.6		38.5	49.2	65
FOG	3.8		8.7	19.2	4.8	16.3	47.1	104
FOG WITH VIS GE 1/2 MILES	3.2		7.5	18.3	5.4	18.3	47.3	93
TOTAL OBS	16	0	15	97	34	88	94	344

A - 5 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	4.0		4.0	14.7	4.0	37.3	36.0	75
FOG			10.4	12.5	4.2	29.2	43.8	48
FOG WITH VIS GE 1/2 MILES			10.4	12.5	4.2	29.2	43.8	48
TOTAL OBS	9	0	12	83	19	47	41	211

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	2.5		2.5	35.0	2.5	23.8	33.8	80
FOG	9.9			19.8	40.7	20.9	8.8	91
FOG WITH VIS GE 1/2 MILES	11.3			22.5	32.5	23.8	10.0	80
TOTAL OBS	18	0	5	127	48	40	34	272

A - 5 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS			14.3	14.3	14.3	28.6	28.6	7
LIQUID PRECIP	.6		5.3	6.4	6.4	46.8	34.5	342
FREEZING PRECIP						100.0		1
FROZEN PRECIP	5.6		4.4	15.9	2.8	30.9	40.4	572
FOG	12.8		4.7	15.0	11.9	23.0	32.7	514
FOG WITH VIS GE 1/2 MILES	12.4		4.6	14.7	10.1	24.2	33.9	475
TOTAL OBS	236	0	151	895	445	1048	659	3434

A - 5 - 7

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPP	AA AA	RRRRRRR	TT	BBBBBBBBB
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	60.6	62.7	65.9	66.6	61.7	45.2	42.1	47.5	56.3	48.6	54.1	58.4	55.8
TRACE	19.5	19.2	18.8	18.0	17.5	16.3	16.4	14.7	15.2	21.6	20.1	20.5	18.2
.01	4.3	3.7	3.3	4.3	2.6	3.4	4.1	3.8	3.5	6.3	5.6	4.7	4.1
.02-.05	8.6	8.5	7.2	6.5	6.1	8.5	10.4	9.4	8.1	11.5	11.5	9.7	8.8
.06-.10	4.5	3.5	2.9	2.5	3.2	5.8	6.2	6.2	5.7	5.9	4.7	3.9	4.6
.11-.25	2.1	2.1	1.8	1.5	5.6	10.6	10.0	9.8	7.7	4.9	3.3	2.3	5.1
.26-.50	.4	.2	.1	.4	1.9	6.1	6.2	6.6	2.7	1.2	.6	.4	2.2
.51-1.00	.1			.2	1.0	3.3	3.6	1.9	.8	.1		.1	.9
1.01-2.50					.3	.8	1.0	.1	.1				.2
2.51-5.00													
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	19.9	18.1	15.3	15.4	20.8	38.5	41.5	37.8	28.5	29.8	25.8	21.1	26.1
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1362	1320	1364	1363	1319	1381	1350	1395	16145

B - 2 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										.09*	.28	.14	.51*
46	.09	.08	.11	.05	1.20	1.15	3.22	1.76	.64	.32	.25	.35	9.22
47	.65	.02	.02	.02	.55	1.55	1.87	2.92	1.88	.31	.41	.22	10.42
48	.32	.25	.33	1.98	.36	3.54	1.42	1.99	1.32	.19	.44	.36	12.50
49	.75	.48	.13	.12	1.24	3.38	5.64	1.66	.46	.75	.08	.39	15.08
50	1.13	.06	.69	.07	.71	.61	3.37	2.27	.43	.69	.53	.26	10.82
51	.13	.13	.27	.23	.42	1.31	.88	1.40	1.33	.83	.42	.37	7.72
52	.41	.06	.33	.01	.64	3.27	3.12	1.70	3.01	.95	.09	.14	13.73
53	.04	.30	.16	.04	1.81	2.67	2.05	1.77	.63	.31	.03	.18	9.99
54	.48	.05	.20	.13	1.15	3.37	2.06	1.49	2.06	.38	.19	.31	11.87
55	.20	.68	.20	.34	2.82	2.69	2.13	3.32	1.06	.42	.50	2.57	16.93
56	.37	.58	.07	.05	.30	3.50	3.02	2.86	.63	.72	1.07	.28	13.45
57	1.35	1.33	.46	.11	.03	1.05	1.92	1.65	.72	.63	.09	.56	9.90
58	.35	.06	.36	.01	.08	.79	1.07	.96	.75	.90	.44	.25	6.02
59	TRACE	.65	.33	.09	2.04	1.71	3.18	1.72	1.92	.50	.29	.18	12.61
60	.33	.24	.14	.19	.82	1.83	2.55	2.45	1.07	.55	.45	.32	10.94
61	TRACE	.17	.04	.28	1.38	4.92	1.86	3.66	1.66	1.21	.57	.41	16.16
62	.71	.21	.63	.62	1.75	4.41	1.39	2.61	.92	.03	.08	.48	13.84
63	.77	.38	.81	1.86	.45	1.85	2.07	.94	.56	.64	.10	.22	10.65
64	.09	.10	.25	.35	.23	.90	2.47	.75	1.45	.17	1.12	.84	8.72
65	.07	.14	.29	.18	.06	.96	2.91	2.97	1.23	.84	.50	1.01	11.16
66	.01	.43	.20	.35	1.92	2.55	.91	.88	.78	.83	.94	.12	9.92
67	.41	.60	1.12	.21	1.24	1.93	4.59	1.56	1.49	.34	.46	.32	14.27
68	.91	.14	.01	.03	1.44	2.74	1.38	1.95	.38	.91	.44	.10	10.43
69	.36	TRACE	.27	.13	1.10	.84	3.54	.71	.45	TRACE	.29	TRACE	7.69
70	.14	.07	.25	.31	.74	1.62	.71	1.52	1.58	.91	.78	.59	9.22
71	.29	.49	.16	.34	.29	1.26	1.71	2.50	1.58	.89	.21	.51	10.23
72	.24	.28	.22	.29	.35	2.59	2.36	.94	1.03	.88	.08	.22	9.48
73	.21	.13	.04	.05	.53	4.40	3.54	1.79	.26	.53	.99	TRACE	12.47
74	.11	.42	.09	.05	.43	2.65	2.57	1.74	.26	.36	.36	.37	9.41
75	.74	TRACE	.36	.28	1.59	3.78	4.70	3.72	1.55	.39	.45	.01	17.57

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.07	.08	.47	TRACE	1.41	1.28	3.87	2.25	.89	.16	.13	.14	10.75
77	.22	.05	.27	.21	.87	4.04	1.91	1.64	1.69	.65	.07	.15	11.77
78	.04	.14	.03	.38	.80	1.58	1.43	2.50	.54	.34	.36	.18	8.32
79	.15	.07	.06	.15	.10	2.97	3.55	2.08	.51	.08	.07	.19	9.98
80	.17	.09	.04	.01	.80	1.98	1.32	2.44	.86	.23	.22	.02	8.18
81	.01	.17	TRACE	.12	1.62	2.43	2.94	.62	.75	.68	.22	.18	9.74
82	.12	.39	.17	.55	1.09	2.28	3.57	1.30	.98	.85	.44	.11	11.85
83	.22	.18	.13	.09	.31	1.28	4.62	2.16	1.09	1.31	.08	.18	11.65
84	.35	.13	TRACE	.02	1.72	3.74	5.98	2.74	.14	.89	.19	.81	16.71
85	.80	.70	.19	.12	.06	5.42	1.79	2.17	1.94	1.45	1.26	.30	16.20
86	.59	.38	.45	.37	.27	1.63	3.00	1.67	1.16	.79	1.22	.49	12.02
87	.31	.58	TRACE	.56	.15	1.96	2.96	1.14	1.26	.86	1.12	.99	11.89
88	.41	.49	.46	.63	3.07	3.25	3.00	1.23	.31	1.13	.73	.53	15.24
89	1.05	.27	.32	.04	1.65	3.73	2.76	2.33	1.56	2.07	1.38	.57	17.73
LEAST	TRACE	TRACE	TRACE	TRACE	.03	.61	.71	.62	.14	TRACE	.03	TRACE	6.02
GREATEST	1.35	1.33	1.12	1.98	3.07	5.42	5.98	3.72	3.01	2.07	1.38	2.57	17.73
MEAN	.37	.28	.25	.27	.94	2.44	2.66	1.92	1.06	.66	.45	.38	11.69
MEDIAN	.30	.18	.20	.14	.80	2.36	2.56	1.77	1.01	.67	.41	.28	11.05
SD	.331	.262	.231	.402	.736	1.215	1.223	.767	.600	.408	.372	.413	2.863
TOTAL OBS	1364	1243	1364	1320	1362	1320	1364	1363	1319	1381	1350	1395	16145

THE GREATEST VALUE OF 5.98 OCCURRED ON 07/84

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										.03*	.08	.11	.11*
46	.03	.03	.06	.04	.63	.40	1.92	.35	.18	.18	.09	.13	1.92
47	.30	.01	.01	.02	.22	.62	.71	.49	.56	.09	.20	.10	.71
48	.13	.08	.11	.44	.17	1.35	.75	.40	.39	.06	.09	.08	1.35
49	.11	.13	.07	.06	.33	.72	1.01	.75	.26	.18	.05	.12	1.01
50	.41	.03	.32	.05	.27	.27	.98	.76	.23	.23	.12	.06	.98
51	.06	.09	.09	.06	.23	.68	.23	.43	.59	.29	.22	.15	.68
52	.19	.02	.12	.01	.39	.81	1.34	.57	1.17	.54	.03	.07	1.34
53	.03	.11	.09	.04	.72	1.29	.94	.42	.22	.13	.03	.05	1.29
54	.12	.03	.08	.09	.47	1.82	.89	.44	.88	.30	.11	.13	1.82
55	.12	.17	.06	.11	1.03	1.28	.87	.60	.47	.23	.10	.90	1.28
56	.07	.08	.03	.02	.26	1.70	.62	.88	.16	.22	.17	.07	1.70
57	.73	.44	.16	.04	.02	.41	.66	.75	.14	.16	.04	.23	.75
58	.12	.03	.16	.01	.08	.38	.67	.60	.12	.29	.11	.06	.67
59	TRACE	.28	.05	.04	1.05	.65	.74	.32	.59	.17	.07	.03	1.05
60	.17	.09	.04	.06	.33	.51	.83	.58	.22	.24	.13	.25	.83
61	TRACE	.13	.02	.06	.52	1.34	.51	1.26	.22	.17	.14	.23	1.34
62	.18	.10	.19	.15	1.16	.94	.74	1.02	.40	.02	.05	.15	1.16
63	.28	.15	.38	.94	.27	.62	.40	.26	.36	.15	.03	.13	.94
64	.03	.04	.07	.14	.14	.39	.95	.17	.44	.07	.43	.41	.95
65	.04	.10	.11	.08	.05	.25	1.11	1.00	.21	.16	.17	.40	1.11
66	.01	.20	.07	.12	.35	.94	.36	.35	.35	.15	.24	.05	.94
67	.09	.15	.18	.04	.33	.35	1.17	.42	.56	.16	.11	.13	1.17
68	.33	.09	.01	.02	.57	.49	.77	.57	.23	.28	.24	.10	.77
69	.17	TRACE	.20	.09	.45	.41	.38	.19	.31	TRACE	.10	TRACE	.45
70	.06	.04	.21	.11	.25	.25	.27	.48	.37	.22	.17	.13	.48
71	.09	.13	.10	.15	.14	.45	.32	.46	.46	.16	.10	.12	.46
72	.13	.20	.09	.13	.16	.67	1.04	.42	.37	.46	.03	.08	1.04
73	.11	.12	.04	.03	.20	.99	.67	.33	.20	.12	.40	TRACE	.99
74	.08	.23	.06	.03	.15	.59	.55	.72	.19	.20	.17	.12	.72
75	.66	TRACE	.21	.13	.69	1.44	2.06	.70	.52	.19	.15	.01	2.06

B - 2 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.04	.05	.14	TRACE	.66	.53	1.59	.97	.49	.06	.10	.05	1.59
77	.06	.02	.10	.08	.30	.74	.57	.37	.31	.29	.05	.10	.74
78	.04	.08	.03	.15	.45	.58	.38	.47	.22	.15	.11	.06	.58
79	.10	.07	.03	.08	.05	.87	1.12	.73	.15	.04	.03	.16	1.12
80	.05	.05	.02	.01	.67	.82	.33	.51	.43	.05	.07	.01	.82
81	.01	.08	TRACE	.06	.66	.56	.55	.20	.36	.33	.11	.04	.66
82	.04	.16	.06	.16	.34	.92	.94	.51	.40	.40	.30	.08	.94
83	.11	.07	.12	.04	.17	.31	1.18	.36	.38	.45	.04	.12	1.18
84	.10	.09	TRACE	.01	1.11	1.01	1.73	.87	.09	.31	.07	.23	1.73
85	.49	.25	.10	.09	.05	.95	.51	.39	.69	.41	.42	.20	.95
86	.22	.16	.15	.21	.09	.63	1.06	.76	.58	.47	.32	.21	1.06
87	.08	.30	TRACE	.35	.13	.83	1.10	.29	.55	.30	.31	.19	1.10
88	.18	.10	.21	.35	.78	.92	.62	.49	.19	.24	.17	.24	.92
89	.22	.13	.19	.03	.63	1.67	.58	.91	.64	.49	.26	.16	1.67

GREATEST	.73	.44	.38	.94	1.16	1.82	2.06	1.26	1.17	.54	.43	.90	2.06
TOTAL OBS	1364	1243	1364	1320	1362	1320	1364	1363	1319	1381	1350	1395	16145

THE GREATEST VALUE OF 2.06 OCCURRED ON 07/21/75

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	60.9	63.0	66.5	69.5	91.4	99.6	100.0	98.9	87.1	53.7	54.6	58.6	75.3
TRACE	18.4	18.4	18.0	17.1	6.5	.4		1.1	8.6	18.7	18.1	18.8	12.0
0.1-0.4	8.8	8.9	7.3	6.8	.9				1.4	11.2	11.4	10.7	5.6
0.5-1.4	8.2	6.0	5.4	4.6	.9				1.7	10.3	10.6	8.8	4.7
1.5-2.4	2.3	2.4	1.8	1.3	.1				.7	3.0	3.3	1.6	1.4
2.5-3.4	.5	.9	.4	.5					.1	1.4	1.3	.6	.5
3.5-4.4	.4	.2	.3	.2					.1	.9	.4	.5	.2
4.5-6.4	.2	.2	.2						.2	.6	.4	.1	.2
6.5-10.4	.1			.1	.1				.1	.1		.1	.1
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	20.7	18.6	15.5	13.4	2.1				4.2	27.6	27.3	22.6	12.7
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1381	1350	1395	16149

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										4.3*	11.3	3.2	18.8*
46	4.4	5.3	3.4	1.3	TRACE	.0	.0	.0	TRACE	4.4	4.9	5.7	29.4
47	9.6	.1	.6	TRACE	.0	.0	.0	.0	TRACE	3.1	2.9	2.6	18.9
48	2.6	3.6	5.3	19.0	.1	.0	.0	TRACE	3.5	4.9	4.0	4.2	47.2
49	10.9	5.2	1.4	1.8	.2	TRACE	.0	.0	TRACE	9.4	1.3	4.9	35.1
50	20.9	.7	12.8	1.8	1.1	.0	.0	.0	TRACE	9.9	7.4	4.0	58.6
51	1.8	1.5	4.3	1.8	TRACE	.0	.0	.0	1.1	10.6	7.2	4.2	32.5
52	7.4	.7	7.2	.2	1.3	.0	.0	.0	2.3	8.8	.8	1.6	30.3
53	.4	4.6	2.5	TRACE	TRACE	.0	.0	.0	1.2	3.7	.3	3.0	15.7
54	12.4	1.9	5.7	3.1	.0	.0	.0	.0	.5	5.4	2.5	4.7	36.2
55	2.0	10.3	4.6	4.3	TRACE	.0	.0	.0	2.0	4.4	7.3	29.0	63.9
56	3.7	6.3	.7	.5	TRACE	.0	.0	.0	2.1	8.4	11.0	4.3	37.0
57	16.0	14.8	5.4	1.1	TRACE	.0	.0	.0	4.5	11.4	1.0	7.1	61.3
58	4.5	.6	3.6	.1	TRACE	.0	.0	.0	1.1	11.8	4.6	2.9	29.2
59	.1	8.5	3.3	.9	TRACE	.0	.0	.0	2.8	2.4	5.7	1.8	25.5
60	5.3	3.6	1.5	1.4	.1	.0	.0	.0	2.1	5.0	5.4	3.2	27.6
61	TRACE	2.6	.5	2.7	.4	.0	.0	.0	4.5	13.6	6.4	5.7	36.4
62	9.0	3.3	8.6	8.6	.4	.0	.0	TRACE	TRACE	.3	.8	4.3	35.3
63	7.1	3.9	9.3	2.7	TRACE	TRACE	.0	.0	.0	1.7	2.8	3.5	31.0
64	1.9	2.1	5.4	9.0	2.8	.0	.0	.0	TRACE	1.7	19.7	13.2	55.8
65	.7	4.4	2.8	1.4	TRACE	.0	.0	.0	.9	16.9	8.4	20.9	56.4
66	TRACE	6.9	3.2	3.1	.6	.0	.0	.0	.0	15.9	15.6	5.5	50.8
67	17.2	15.9	24.9	3.2	1.5	.0	.0	.0	TRACE	6.4	9.5	5.6	84.2
68	14.3	2.5	.1	1.5	TRACE	.0	.0	.0	TRACE	12.2	7.1	1.3	39.0
69	3.0	.2	5.3	1.2	TRACE	.0	.0	TRACE	.0	TRACE	5.6	TRACE	15.3
70	4.3	1.2	2.9	7.2	.0	.0	.0	.0	7.1	16.2	13.5	8.1	60.5
71	5.2	8.8	2.9	6.0	1.6	.0	.0	.0	TRACE	14.0	5.6	9.9	54.0
72	4.4	3.4	3.7	5.9	2.0	.0	.0	.0	8.7	15.9	3.5	6.8	54.3
73	6.1	3.9	1.0	.8	7.0	.0	.0	.0	.0	6.9	12.6	TRACE	38.3
74	2.2	6.7	1.7	.8	.0	TRACE	.0	TRACE	TRACE	7.6	7.7	9.3	36.0
75	6.2	TRACE	5.9	3.6	TRACE	.0	.0	.0	TRACE	9.4	10.4	.7	36.2

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	2.5	1.5	8.3	TRACE	TRACE	.0	.0	.0	TRACE	6.0	3.0	2.5	23.8
77	6.9	1.8	6.1	2.9	.0	.0	.0	.0	6.0	15.7	3.2	3.8	46.4
78	2.0	4.0	1.0	4.8	.0	.0	.0	.0	TRACE	19.8	13.5	7.5	52.6
79	3.7	2.3	1.3	1.0	.0	.0	.0	.0	TRACE	1.6	5.9	5.9	21.7
80	6.5	7.0	1.6	TRACE	.0	.0	.0	.0	.8	7.1	6.8	1.5	31.3
81	TRACE	3.8	.3	5.0	.0	.0	.0	TRACE	14.0	18.4	3.4	4.0	48.9
82	1.5	4.5	4.3	12.8	TRACE	.0	.0	.0	TRACE	9.6	6.7	.9	40.3
83	3.5	2.3	2.4	.2	.0	.0	.0	.0	3.5	13.6	2.4	6.2	34.1
84	8.1	2.2	TRACE	2.0	TRACE	.0	.0	TRACE	.0	16.0	5.6	17.2	51.1
85	9.7	10.2	3.0	2.3	.5	.0	.0	.0	2.0	10.5	24.7	6.7	69.6
86	9.7	8.9	6.4	5.3	1.4	.0	.0	.0	3.2	4.0	16.3	5.6	60.8
87	3.8	2.4	.0	2.9	.0	.0	.0	.0	TRACE	8.4	16.4	8.6	42.5
88	4.8	6.4	5.4	.6	TRACE	.0	.0	.0	.1	13.0	10.1	6.0	46.4
89	11.1	2.9	3.1	TRACE	10.9	.0	.0	.0	TRACE	19.7	11.5	6.1	65.3
.....													
LEAST	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.3	TRACE	15.3
GREATEST	20.9	15.9	24.9	19.0	10.9	TRACE	.0	TRACE	14.0	19.8	24.7	29.0	84.2
MEAN	5.8	4.4	4.2	3.1	.7	TRACE	.0	TRACE	1.7	9.2	7.5	5.9	42.4
MEDIAN	4.5	3.6	3.3	1.8	TRACE	.0	.0	.0	.1	9.1	6.4	4.7	38.7
SD	4.906	3.630	4.244	3.708	1.972	.000	.000	.000	2.830	5.495	5.366	5.368	15.452
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1381	1350	1395	16149
.....													

THE GREATEST VALUE OF 29.0 OCCURRED ON 12/55

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										2.0*	3.2	2.7	3.2*
46	.9	2.7	1.1	.8	TRACE	.0	.0	.0	TRACE	2.3	1.7	2.1	2.7
47	3.8	.1	.3	TRACE	.0	.0	.0	.0	TRACE	1.2	1.5	1.4	3.8
48	.9	1.7	1.9	3.6	.1	.0	.0	TRACE	1.6	2.1	1.1	.7	3.6
49	2.0	1.3	.7	.9	.1	TRACE	.0	.0	TRACE	2.3	.6	1.4	2.3
50	7.2	.3	6.4	1.6	1.1	.0	.0	.0	TRACE	3.5	2.2	1.0	7.2
51	1.1	1.0	1.8	.6	TRACE	.0	.0	.0	1.0	2.7	2.4	1.4	2.7
52	3.8	.3	2.7	.2	.7	.0	.0	.0	1.8	4.5	.3	.7	4.5
53	.3	1.7	1.6	TRACE	TRACE	.0	.0	.0	1.0	1.3	.3	.9	1.7
54	4.2	1.0	2.7	2.4	.0	.0	.0	.0	.3	4.0	1.8	2.0	4.2
55	1.2	1.9	2.0	2.0	TRACE	.0	.0	.0	1.0	1.5	1.5	9.0	9.0
56	.7	1.2	.3	.2	TRACE	.0	.0	.0	1.0	2.9	1.9	1.6	2.9
57	8.5	5.5	1.6	.4	TRACE	.0	.0	.0	1.6	3.5	.4	2.3	8.5
58	1.8	.3	1.6	.1	TRACE	.0	.0	.0	1.1	5.1	1.1	1.0	5.1
59	.1	3.2	.5	.4	TRACE	.0	.0	.0	2.4	1.3	2.7	.3	3.2
60	3.0	1.1	.5	.5	.1	.0	.0	.0	2.1	2.5	1.3	2.5	3.0
61	TRACE	1.8	.3	.6	.2	.0	.0	.0	4.0	2.5	1.4	3.4	4.0
62	2.0	1.6	2.7	1.8	.3	.0	.0	TRACE	TRACE	.2	.5	1.2	2.7
63	2.2	1.5	4.4	1.4	TRACE	TRACE	.0	.0	.0	1.0	1.4	1.7	4.4
64	1.2	.7	1.8	2.3	2.0	.0	.0	.0	TRACE	.7	5.3	5.8	5.8
65	.4	3.2	2.3	.6	TRACE	.0	.0	.0	.8	3.5	3.6	10.0	10.0
66	TRACE	3.0	1.4	1.2	.4	.0	.0	.0	.0	4.4	4.0	3.5	4.4
67	5.0	4.5	6.0	1.0	1.0	.0	.0	.0	TRACE	2.0	2.0	1.0	6.0
68	4.0	1.8	.1	1.0	TRACE	.0	.0	.0	TRACE	3.0	3.8	1.3	4.0
69	1.0	.2	3.1	.8	TRACE	.0	.0	TRACE	.0	TRACE	2.1	TRACE	3.1
70	2.1	.8	2.3	2.5	.0	.0	.0	.0	3.4	4.8	2.8	2.3	4.8
71	2.0	2.1	1.8	2.7	.9	.0	.0	.0	TRACE	2.8	1.8	2.0	2.8
72	2.0	1.9	1.1	2.1	1.0	.0	.0	.0	6.2	9.2	1.3	2.0	9.2
73	2.0	3.6	1.0	.5	7.0	.0	.0	.0	.0	1.4	3.4	TRACE	7.0
74	1.2	2.6	1.2	.8	.1	TRACE	.0	TRACE	TRACE	4.0	3.0	3.0	4.0
75	4.8	TRACE	4.6	1.4	TRACE	.0	.0	.0	TRACE	6.2	2.3	.4	6.2

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	1.2	1.0	4.0	TRACE	TRACE	.0	.0	.0	TRACE	3.6	2.0	.5	4.0
77	2.5	.7	1.4	1.0	.0	.0	.0	.0	6.0	6.0	1.0	2.0	6.0
78	1.9	2.4	1.0	3.0	.0	.0	.0	.0	TRACE	5.0	4.8	3.2	5.0
79	2.0	2.3	.7	1.0	.0	.0	.0	.0	TRACE	1.0	3.9	3.6	3.9
80	1.9	3.0	1.2	TRACE	.0	.0	.0	.0	.8	2.2	1.5	1.0	3.0
81	TRACE	2.0	.3	2.6	.0	.0	.0	TRACE	8.0	10.4	1.3	1.0	10.4
82	.5	1.8	2.9	10.0	TRACE	.0	.0	.0	TRACE	3.9	3.0	.7	10.0
83	1.6	.9	2.2	.2	.0	.0	.0	.0	1.1	5.6	1.1	4.0	5.6
84	2.0	1.2	TRACE	1.2	TRACE	.0	.0	TRACE	.0	4.0	1.4	3.5	4.0
85	4.1	3.3	2.0	1.5	.5	.0	.0	.0	2.0	3.0	5.8	3.6	5.8
86	3.2	3.1	1.6	3.0	1.4	.0	.0	.0	1.8	1.8	5.6	2.7	5.6
87	1.2	1.0	.0	1.8	.0	.0	.0	.0	TRACE	3.2	3.0	2.3	3.2
88	2.7	1.4	1.9	.4	TRACE	.0	.0	.0	.1	2.5	3.1	2.2	3.1
89	2.1	1.5	1.3	TRACE	9.3	.0	.0	.0	TRACE	4.7	2.5	1.8	9.3
.....													
GREATEST	8.5	5.5	6.4	10.0	9.3	TRACE	.0	TRACE	8.0	10.4	5.8	10.0	10.4
.....													
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1381	1350	1395	16149
.....													

THE GREATEST VALUE OF 10.4 OCCURRED ON 10/18/81

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE				13.0	86.4	99.9	100.0	99.8	91.2	31.6	4.1	.1	43.9
TRACE	.6	.5	5.4	13.9	6.6	.1		.2	4.8	10.7	5.4	1.5	4.2
1	5.5	5.6	10.6	15.5	3.1				2.2	13.8	14.1	9.2	6.7
2	11.0	8.5	6.7	9.7	1.3				1.1	11.8	15.1	9.1	6.2
3	8.7	11.4	4.2	6.3	.9				.4	8.5	8.9	11.5	5.0
4-6	21.4	18.6	19.0	16.7	1.1				.3	15.8	23.9	31.7	12.4
7-12	40.0	35.2	31.9	17.0	.4					7.6	25.5	28.0	15.4
13-24	10.0	13.9	16.1	5.5	.1					.3	3.0	8.2	4.7
25-36	.6	3.1	3.3	2.6								.5	.8
37-48		.9	2.3	.1									.3
49-60	2.3	2.3	.5									.1	.4
61-120													
OVER 120													
DAYS WITH MEAS AMTS	99.4	99.5	94.6	73.2	7.0				4.0	57.7	90.5	98.4	52.0
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1395	1350	1395	16163

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										10	9	5	10*
46	6	7	4	5	TRACE	0	0	0	TRACE	1	3	3	7
47	10	9	1	TRACE	0	0	0	0	TRACE	3	3	3	10
48	3	6	10	25	13	0	0	0	1	3	4	9	25
49	20	26	26	6	1	0	0	0	0	7	3	6	26
50	29	25	26	13	1	0	0	0	0	6	7	10	29
51	8	7	9	6	0	0	0	0	TRACE	9	5	6	9
52	11	11	13	7	1	0	0	0	1	5	5	4	13
53	2	5	7	3	0	0	0	0	TRACE	4	4	6	7
54	17	15	14	11	2	0	0	0	1	5	3	6	17
55	9	14	16	10	2	0	0	0	1	2	8	49	49
56	55	59	50	31	6	0	0	0	3	9	16	13	59
57	22	38	36	13	6	0	0	0	3	9	1	8	38
58	10	9	11	9	TRACE	0	0	0	TRACE	10	9	11	11
59	11	21	23	22	TRACE	0	0	0	1	2	5	6	23
60	8	8	10	10	TRACE	0	0	0	1	4	9	9	10
61	8	7	7	4	TRACE	0	0	0	1	8	12	17	17
62	17	12	19	14	3	0	0	TRACE	TRACE	TRACE	1	3	19
63	4	8	9	10	0	TRACE	0	0	0	2	3	4	10
64	2	2	5	3	2	0	0	0	TRACE	1	12	18	18
65	12	10	10	1	TRACE	0	0	0	TRACE	12	13	19	19
66	19	12	12	8	2	0	0	0	0	9	15	19	19
67	23	27	43	40	6	0	0	0	0	4	4	5	43
68	19	19	1	1	0	0	0	0	0	6	6	6	19
69	5	3	5	4	0	0	0	0	0	0	5	1	5
70	3	3	1	4	0	0	0	0	3	7	12	12	12
71	10	15	18	15	5	0	0	0	TRACE	10	11	11	18
72	12	13	13	11	7	0	0	0	3	14	1	5	14
73	6	6	7	1	3	0	0	0	0	3	13	12	13
74	7	12	14	6	0	0	0	0	TRACE	4	6	9	14
75	12	12	12	7	1	0	0	0	TRACE	7	13	13	13

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PERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	9	8	13	9	TRACE	0	0	0	TRACE	3	5	2	13
77	6	6	5	6	0	0	0	0	4	13	12	13	13
78	12	14	9	6	0	0	0	0	TRACE	7	14	17	17
79	19	22	22	9	0	0	0	0	0	2	3	7	22
80	10	11	8	1	0	0	0	0	TRACE	2	6	6	11
81	4	3	2	3	0	0	0	0	6	12	4	5	12
82	6	5	4	3	3	0	0	0	TRACE	5	6	6	6
83	5	4	6	3	0	0	0	0	2	6	4	6	6
84	7	5	3	2	0	0	0	TRACE	0	6	4	11	11
85	9	13	13	9	3	0	0	0	2	5	19	3	19
86	8	8	8	10	1	0	0	0	1	2	11	6	11
87	4	3	3	3	0	0	0	0	0	6	14	9	14
88	8	8	6	6	0	0	0	0	0	7	11	8	11
89	6	3	5	1	9	0	0	0	0	11	11	6	11
.....													
GREATEST	55	59	50	40	13	TRACE	0	TRACE	6	14	19	49	59
.....													
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1395	1350	1395	16163
.....													

THE GREATEST VALUE OF 59 OCCURRED ON 02/27/56

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 4 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK

PERIOD OF RECORD: 4510-8912
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
45 - 46	OCT 15	OCT 15	OCT 15	MAY 07	APR 05	APR 27
46 - 47	SEP 20	OCT 10	OCT 11	APR 29	MAR 23	MAR 24
47 - 48	SEP 03	OCT 12	OCT 13	MAY 07	MAY 07	MAY 12
48 - 49	AUG 22	SEP 18	SEP 21	JUN 25	MAY 03	MAY 09
49 - 50	SEP 30	OCT 04	OCT 04	MAY 28	MAY 04	MAY 04
50 - 51	SEP 11	OCT 10	OCT 11	MAY 25	APR 23	APR 18
51 - 52	SEP 28	SEP 28	OCT 04	MAY 10	MAY 07	MAY 07
52 - 53	SEP 04	SEP 06	SEP 30	MAY 10	MAR 31	APR 17
53 - 54	SEP 27	SEP 28	OCT 01	APR 26	APR 09	MAY 01
54 - 55	SEP 25	SEP 25	SEP 26	MAY 02	APR 22	MAY 05
55 - 56	SEP 15	SEP 16	SEP 25	MAY 10	APR 06	MAY 03
56 - 57	SEP 19	SEP 21	SEP 22	MAY 05	APR 28	MAY 06
57 - 58	SEP 18	SEP 19	SEP 27	MAY 03	APR 18	APR 10
58 - 59	SEP 20	SEP 21	OCT 04	MAY 01	APR 16	APR 30
59 - 60	SEP 19	SEP 19	SEP 20	MAY 10	MAY 10	APR 25
60 - 61	SEP 04	SEP 22	SEP 23	MAY 13	MAY 13	APR 24
61 - 62	SEP 04	SEP 29	SEP 30	MAY 17	MAY 17	MAY 05
62 - 63	AUG 30	OCT 10	NOV 22	JUN 05	APR 16	APR 28
63 - 64	OCT 02	OCT 09	OCT 10	MAY 23	MAY 20	MAY 20
64 - 65	SEP 15	OCT 01	OCT 02	MAY 13	APR 20	APR 04
65 - 66	SEP 27	SEP 27	OCT 05	MAY 16	MAY 15	MAY 16
66 - 67	OCT 04	OCT 07	OCT 10	MAY 16	MAY 15	MAY 03
67 - 68	SEP 04	OCT 11	OCT 20	MAY 22	APR 17	APR 10
68 - 69	SEP 18	OCT 02	OCT 05	MAY 16	APR 18	APR 08
69 - 70	AUG 07	NOV 06	NOV 07	APR 25	APR 24	APR 24
70 - 71	SEP 07	SEP 07	SEP 23	MAY 08	MAY 08	MAY 11
71 - 72	SEP 26	OCT 03	OCT 14	MAY 21	MAY 14	MAY 06
72 - 73	SEP 16	SEP 16	SEP 18	MAY 07	MAY 07	MAY 07
73 - 74	OCT 04	OCT 06	OCT 07	JUN 04	APR 25	APR 26
74 - 75	AUG 22	OCT 01	OCT 08	MAY 19	APR 19	MAY 02
75 - 76	SEP 25	OCT 08	OCT 08	MAY 30	MAR 17	APR 23

B - 5 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK

PERIOD OF RECORD: 4510-8912

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
76 - 77	SEP 04	OCT 07	OCT 08	APR 27	APR 26	APR 27
77 - 78	SEP 22	SEP 29	SEP 29	APR 22	APR 17	APR 20
78 - 79	SEP 20	OCT 01	OCT 02	APR 10	APR 05	APR 28
79 - 80	SEP 17	OCT 23	OCT 23	APR 20	MAR 13	APR 05
80 - 81	SEP 01	SEP 23	OCT 10	APR 29	APR 08	APR 18
81 - 82	AUG 16	SEP 24	SEP 24	MAY 13	APR 30	MAY 03
82 - 83	SEP 30	OCT 01	OCT 01	APR 30	APR 17	APR 20
83 - 84	SEP 02	SEP 02	SEP 02	MAY 21	APR 14	APR 17
84 - 85	AUG 26	OCT 09	OCT 09	MAY 19	MAY 09	MAY 12
85 - 86	SEP 16	SEP 25	SEP 25	MAY 21	MAY 13	MAY 13
86 - 87	SEP 21	SEP 21	SEP 23	APR 17	APR 17	APR 23
87 - 88	SEP 08	OCT 15	OCT 15	MAY 02	APR 06	APR 27
88 - 89	SEP 23	SEP 27	OCT 05	MAY 23	MAY 11	MAY 12
89 - 90	SEP 20	OCT 09	OCT 10	DEC 31	DEC 31	DEC 31
MEDIAN-DATE	SEP 18	OCT 01	OCT 04	MAY 10	APR 22	APR 28

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRR	TT	CC
PPPPPP*PP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS. *** DATA/SUMMARY NOT AVAILABLE -- SEE AWS CLIMATIC BRIEF ***

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY. *** DATA/SUMMARY NOT AVAILABLE ***

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	2.6	2.0
020-040	.1											.1	1.0	1.0
050-070	.8	.4	.3									1.5	5.3	3.0
(E) 080-100	3.3	4.2	3.1	5.3	4.5	3.6	.7	.4				25.1	15.8	16.0
110-130	2.4	3.9	7.2	9.5	6.5	3.3	1.5	.4				34.8	16.5	16.0
140-160	4.0	.1	.3	.3								4.7	3.4	2.0
(S) 170-190	4.2	.3			.6	.6						5.6	7.2	3.0
200-220	2.1	.1	.1		.3	.3						2.9	6.8	2.0
230-250	3.3	.4										3.8	3.0	3.0
(W) 260-280	3.1	2.2	.1									5.4	4.2	4.0
290-310	2.1	1.8	.3									4.2	4.4	4.5
320-340	1.0	.3										1.3	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////	
TOTALS	27.1	13.7	11.4	15.1	11.9	7.8	2.2	.8				100.0	11.1	11.0
TOTAL NUMBER OF OBSERVATIONS 718														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.3	2.0
020-040	.3											.3	3.5	3.5
050-070	.8	.3										1.1	3.3	2.5
(E) 080-100	2.1	3.2	3.5	3.5	4.2	1.5	2.2	.7	.1			21.0	17.1	17.0
110-130	2.8	4.9	7.9	7.4	8.5	4.3	1.0	.1				36.9	16.2	16.0
140-160	3.9	.6		.1	.1	.1						4.9	4.2	2.0
(S) 170-190	4.0	.4		.3	1.1	.8						6.7	9.5	4.0
200-220	1.9				.3	.1	.1					2.5	7.2	2.0
230-250	3.6	.8										4.5	3.0	3.0
(W) 260-280	3.6	1.8	.1									5.6	4.0	4.0
290-310	2.2	1.7										3.9	4.5	4.0
320-340	1.0											1.0	2.0	2.0
VARIABLE														
CALM	////////////////////											11.3	////////	
TOTALS	26.6	13.7	11.5	11.3	14.2	6.8	3.3	.8	.1			100.0	11.2	11.0
TOTAL NUMBER OF OBSERVATIONS 718														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.2										.7	3.8	3.5
020-040	.5	.2										.8	2.7	2.0
050-070	1.1	.1	.1									1.3	3.9	3.0
(E) 080-100	2.6	3.3	3.4	4.3	3.4	2.9	1.2	.5	.1			21.7	16.4	15.0
110-130	3.6	4.7	7.0	7.9	6.8	4.6	.5	.2				35.4	15.8	16.0
140-160	3.1	.4										3.6	2.8	2.0
(S) 170-190	3.0	.1		.3	.7	.4	.3					4.9	10.2	3.0
200-220	2.2	.2			.2	.2						2.8	6.2	3.0
230-250	2.4	.3	.1									2.8	3.0	2.0
(W) 260-280	4.2	2.4	.1									6.7	4.1	4.0
290-310	1.7	1.6										3.4	4.7	4.0
320-340	.5	.4										1.0	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	25.3	13.9	10.7	12.5	11.1	8.1	2.0	.7	.1			100.0	10.6	11.0
TOTAL NUMBER OF OBSERVATIONS 922														

OPERATING LOCAT' W 'A'
USAFETAC, ASHEV: A

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.0	2.0
020-040	.5											.5	2.8	3.0
050-070	1.2	.3			.1							1.6	4.3	3.0
(E) 080-100	2.7	4.7	6.0	4.7	4.0	2.5	1.1	.5	.1			26.2	15.5	14.0
110-130	2.7	4.0	6.4	7.4	6.3	3.9	.9	.1				31.6	16.2	17.0
140-160	3.9	.2	.1	.1								4.3	2.9	2.0
(S) 170-190	3.2	.3		.2	.2	.4	.3	.1				4.9	8.6	3.0
200-220	.2				.4			.1				.8	18.4	22.0
230-250	2.7	.2	.1									3.0	3.3	3.0
(W) 260-280	4.1	2.2										6.3	3.8	3.5
290-310	2.1	1.7										3.8	4.6	4.0
320-340	.8	.5										1.3	3.8	3.5
VARIABLE														
CALM	////////////////////											15.1	////////	
TOTALS	24.7	14.1	12.6	12.4	11.2	6.8	2.3	.8	.1			100.0	10.5	11.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.0	2.0
020-040	1.1	.1										1.2	2.7	3.0
050-070	1.8	.4	.1									2.4	3.5	3.0
(E) 080-100	4.4	5.6	3.6	5.3	3.2	3.5	1.6	.5				27.8	15.0	15.0
110-130	2.2	4.9	9.1	8.1	7.1	2.3	1.2	.2				35.1	15.7	15.0
140-160	.6	.4	.2	.2	.2							1.7	8.3	6.0
(S) 170-190	1.4		.2	.1	.3	.2						2.3	8.8	3.0
200-220	.8			.1	.1	.2	.2	.1				1.5	15.0	9.0
230-250	1.9	.3										2.3	3.7	4.0
(W) 260-280	4.9	1.7										6.6	3.6	3.0
290-310	2.3	2.3	.1									4.7	4.8	5.0
320-340	1.0	.8	.1									1.8	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTALS	22.6	16.5	13.4	13.8	10.9	6.2	3.0	.8				100.0	11.0	11.0
TOTAL NUMBER OF OBSERVATIONS 924														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.1										.8	2.4	2.0
020-040	.9											.9	2.3	2.0
050-070	1.5	.2										1.7	3.1	3.0
(E) 080-100	4.3	4.0	3.0	7.3	3.2	3.4	1.3					26.5	15.2	16.0
110-130	3.0	5.1	7.3	9.2	7.3	3.0	1.1					36.1	15.7	16.0
140-160	1.0	.3	.2	.1	.2							1.8	7.2	4.0
(S) 170-190	1.3			.3	.4	.1			.1			2.3	10.7	3.0
200-220	.5	.1		.1	.2	.1	.1	.2				1.4	15.6	17.0
230-250	2.5	.8										3.3	3.3	2.5
(W) 260-280	3.9	1.8										5.8	3.9	4.0
290-310	2.9	2.5	.3									5.8	4.6	4.0
320-340	.9	.3										1.2	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											12.5	////////////////////////////////	
TOTALS	23.4	15.2	10.8	17.0	11.3	6.6	2.5	.2	.1			100.0	11.0	12.0
TOTAL NUMBER OF OBSERVATIONS 920														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.2	3.0
020-040	1.2	.1										1.3	1.8	1.5
050-070	.7	.3										1.0	4.0	3.0
(E) 080-100	3.7	3.6	2.6	6.1	5.0	2.8	1.7	.2				25.8	16.3	18.0
110-130	3.7	4.1	5.2	9.8	9.0	2.3	.9					35.0	15.8	17.0
140-160	2.6	.4						.1				3.2	4.3	3.0
(S) 170-190	2.5	.2			.2	.2	.1					3.3	6.6	3.0
200-220	1.0					.1	.4					1.5	12.1	2.5
230-250	2.1	.4										2.5	3.5	3.0
(W) 260-280	5.3	2.4	.1									7.8	4.1	4.0
290-310	2.3	1.7			.1							4.1	4.9	4.0
320-340	.5	.5										1.1	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////////////////////////////	
TOTALS	26.1	13.7	7.9	15.9	14.3	5.4	3.1	.3				100.0	11.0	12.0
TOTAL NUMBER OF OBSERVATIONS 919														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8											.8	1.9	1.0
020-040	.4		.1									.5	4.5	2.5
050-070	1.6	.6										2.2	3.1	2.0
(E) 080-100	2.0	4.0	3.0	4.7	4.8	3.2	1.7	.5				23.9	17.3	18.0
110-130	2.5	4.6	7.7	8.7	8.9	3.5	.6					36.5	16.1	17.0
140-160	3.2	.5		.1								3.9	3.2	2.0
(S) 170-190	2.8	.1		.1		.4			.1			3.5	6.9	3.0
200-220	1.6			.1	.2	.2						2.2	8.1	2.5
230-250	3.1											3.1	2.5	2.0
(W) 260-280	4.8	2.8										7.6	3.9	4.0
290-310	1.9	1.3	.2									3.5	4.9	4.0
320-340	1.0											1.0	2.5	2.5
VARIABLE														
CALM	////////////////////////////////////											11.4	////////	
TOTALS	25.7	13.9	11.0	13.7	13.9	7.3	2.3	.5	.1			100.0	11.2	12.0
TOTAL NUMBER OF OBSERVATIONS 831														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SRFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.0										.6	2.4	2.0
020-040	.7	.1	.0									.7	2.6	2.0
050-070	1.2	.3	.1		.0							1.6	3.7	3.0
(E) 080-100	3.2	4.1	3.5	5.2	4.0	3.0	1.4	.4	.0			24.9	16.0	16.0
110-130	2.9	4.5	7.2	8.5	7.5	3.4	.9	.1				35.1	16.0	16.0
140-160	2.7	.4	.1	.1	.1	.0		.0				3.4	4.0	2.0
(S) 170-190	2.7	.2	.0	.2	.4	.4	.1	.0	.0			4.1	8.6	3.0
200-220	1.2	.1	.0	.0	.2	.2	.1	.1				1.9	9.9	3.0
230-250	2.7	.4	.0									3.1	3.2	3.0
(W) 260-280	4.3	2.2	.1									6.5	3.9	4.0
290-310	2.2	1.8	.1		.0							4.2	4.7	4.0
320-340	.8	.4	.0									1.2	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											12.7	////////////////////////////////	
TOTALS	25.1	14.5	11.1	14.0	12.2	7.0	2.5	.6				100.0	10.9	11.0
TOTAL NUMBER OF OBSERVATIONS 6875														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	2.3	2.0
020-040	.9											.9	2.3	2.5
050-070	.9	1.1										2.0	4.3	5.0
(E) 080-100	2.6	3.3	1.1	.2			.2					7.4	6.9	6.0
110-130	2.2	1.8	.9	.9	.4							6.1	8.6	7.0
140-160	2.4	.4										2.8	3.2	3.0
(S) 170-190	2.6	.2					.2					3.1	4.3	3.0
200-220	1.3											1.3	2.3	2.5
230-250	5.3	1.1										6.3	3.3	3.0
(W) 260-280	9.0	5.0	.2									14.2	4.2	4.0
290-310	7.9	9.0	.2									17.1	4.8	5.0
320-340	1.8	2.4										4.2	4.3	5.0
VARIABLE														
CALM	////////////////////////////////////											33.3	////////	
TOTALS	38.2	24.3	2.4	1.1	.4	.4						100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 457

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.2										.9	3.0	2.5
020-040	.8	.2										.9	2.7	2.5
050-070	1.4	.5	.2									2.0	3.8	3.0
(E) 080-100	3.0	3.3	4.7	4.2	2.3	.6	.5	.2				18.7	13.3	13.5
110-130	2.6	4.5	6.5	9.3	4.5	1.9	.6	.3				30.4	14.9	15.0
140-160	4.0	.2		.3								4.5	3.6	2.0
(S) 170-190	7.0		.5	1.2	.8	.6						10.1	7.4	3.0
200-220	4.4	.5			.3	.3						5.5	5.2	2.0
230-250	6.7	.9										7.6	2.9	3.0
(W) 260-280	6.7	2.0	.2	.2								9.0	3.8	4.0
290-310	2.5	2.0	.5	.3								5.3	5.3	5.0
320-340	.6	.5										1.1	4.7	3.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	40.5	14.8	12.6	15.5	7.9	3.4	1.1	.5				100.0	9.2	6.0
TOTAL NUMBER OF OBSERVATIONS 642														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	3.5	3.5
020-040	.3											.3	1.5	1.5
050-070	1.8	.3										2.1	2.8	3.0
(E) 080-100	3.7	3.7	4.5	5.7	3.3	1.1	.8	.3				23.1	14.2	14.0
110-130	3.3	2.7	6.2	6.7	4.5	1.1	1.1					25.7	14.8	15.0
140-160	4.6	.2	.5									5.3	3.1	2.0
(S) 170-190	6.9	.3	.3	1.0	1.0	.8						10.2	8.1	3.0
200-220	4.3	.5		.2	.5	.2						5.6	5.4	2.0
230-250	7.0	.5										7.5	2.7	3.0
(W) 260-280	4.8	2.4	.2									7.3	3.8	3.0
290-310	2.9	1.8	.2	.3								5.1	5.4	4.0
320-340	.3	.2										.5	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	40.2	12.6	11.9	13.9	9.3	3.2	1.9	.3				100.0	9.2	6.0
TOTAL NUMBER OF OBSERVATIONS 627														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.2	3.0	3.0
020-040	.8	.4										1.2	3.5	4.0
050-070	1.6	.2	.2									2.0	3.9	3.0
(E) 080-100	4.0	3.5	3.1	4.6	2.3	1.8	1.0	.1				20.4	14.1	14.0
110-130	3.7	2.4	7.0	6.9	4.0	1.4	.4					25.8	14.1	14.0
140-160	4.1	.4		.1								4.6	3.3	3.0
(S) 170-190	4.9	.6		.8	1.1		.1	.1				7.7	8.2	3.5
200-220	4.0	.5	.2	.2	.7	.4						6.0	7.6	3.0
230-250	4.3	1.6										5.9	3.6	3.0
(W) 260-280	4.5	2.4										6.9	4.0	4.0
290-310	3.0	2.2	.8	.1								6.1	5.5	5.0
320-340	.5	.4										.8	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											12.3	////////	
TOTALS	35.5	14.7	11.3	12.7	8.1	3.6	1.5	.2				100.0	8.7	6.0
TOTAL NUMBER OF OBSERVATIONS 830														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.1										1.1	2.7	2.0
020-040	.6	.2										.8	3.0	3.0
050-070	2.0	.5	.1									2.6	3.3	3.0
(E) 080-100	3.5	2.4	5.0	6.1	2.7	1.1	.6	.2	.1			21.7	14.0	14.5
110-130	2.7	3.2	5.4	7.0	4.8	1.5	.8	.2				25.7	15.4	16.0
140-160	2.2	.4										2.6	2.9	2.0
(S) 170-190	3.8	.1	.2	.4	.8	.5						5.8	8.5	3.0
200-220	1.8	.1	.4	.4	.2	.1						3.0	8.1	4.0
230-250	3.9	1.3										5.2	3.4	3.0
(W) 260-280	4.1	2.8										7.0	3.9	4.0
290-310	2.8	3.1	1.5									7.4	6.0	6.0
320-340	.9	.4	.1									1.4	4.2	3.5
VARIABLE														
CALM	////////////////////////////////////											15.7	////////	
TOTALS	29.2	14.6	12.7	13.9	8.5	3.2	1.4	.4	.1			100.0	8.9	8.0
TOTAL NUMBER OF OBSERVATIONS 847														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.0	.5										2.5	3.0	3.0
020-040	2.6	.1										2.7	2.6	2.0
050-070	1.9	.7			.1							2.7	4.3	3.0
(E) 080-100	3.8	7.6	6.0	7.1	3.5	.8	.6	.4				29.8	12.9	12.0
110-130	2.4	3.7	5.0	7.0	5.8	1.8	.2	.2				26.0	15.6	16.0
140-160	.4		.2	.2	.1							.9	9.9	10.5
(S) 170-190	.4		.1	.5	.7	.5						2.1	17.9	20.5
200-220		.2	.1	.2	.6							1.2	17.2	18.0
230-250	1.8	.7										2.5	3.9	4.0
(W) 260-280	2.7	2.6	.2									5.5	4.9	5.0
290-310	3.4	3.7	1.3	.1								8.5	6.0	6.0
320-340	1.7	1.1	.1									2.8	4.3	3.5
VARIABLE														
CALM	////////////////////////////////////										12.8	////////////////////////////////		
TOTALS	23.1	20.9	13.0	15.1	10.8	3.1	.8	.6				100.0	9.8	9.0
TOTAL NUMBER OF OBSERVATIONS 847														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.1										2.0	2.8	3.0
020-040	1.1	.5										1.5	3.8	4.0
050-070	2.7	1.4		.1								4.2	4.1	3.5
(E) 080-100	4.7	6.8	5.2	6.3	2.7	1.4	.2	.2				27.6	12.3	11.0
110-130	1.9	4.7	5.8	8.5	5.0	1.4	.1	.2				27.6	14.9	15.0
140-160	.6	.2	.4	.1	.1							1.4	8.8	7.0
(S) 170-190	.4		.2	.9	.1	.1	.2					2.0	16.2	17.0
200-220	.4		.1	.1	.2	.1	.1					1.1	15.4	18.0
230-250	1.9	.9	.1									2.9	4.4	4.0
(W) 260-280	3.9	2.9	.2									7.1	4.4	4.0
290-310	4.1	5.5	.7									10.4	5.1	5.0
320-340	2.0	1.1	.1									3.2	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											9.0	////////////////////////////////	
TOTALS	25.6	24.1	12.8	16.0	8.1	3.0	.6	.4				100.0	9.5	8.0
TOTAL NUMBER OF OBSERVATIONS 848														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.1										.9	2.6	2.5
020-040	.5	.6										1.1	3.9	5.0
050-070	1.5	1.1	.1		.1							2.8	4.8	4.0
(E) 080-100	2.8	4.0	4.0	5.3	2.4	1.8	.1	.4				20.9	13.9	14.0
110-130	3.9	4.7	6.3	7.5	5.0	1.3	.1	.2				29.1	13.8	14.0
140-160	1.7	.7	.2	.2	.1							3.0	6.4	4.0
(S) 170-190	2.5	.1	.1	.4	.6	.2						3.9	8.8	4.0
200-220	1.7	.2	.4	.2	.4							2.8	7.8	3.0
230-250	4.2	.7	.1									5.0	3.5	3.0
(W) 260-280	7.1	3.8										10.9	4.1	4.0
290-310	3.2	5.2	.2	.1								8.8	5.5	5.0
320-340	1.2	.2										1.4	3.4	4.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////	
TOTALS	31.1	21.4	11.4	13.7	8.6	3.3	.2	.6				100.0	9.0	7.0
TOTAL NUMBER OF OBSERVATIONS 843														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	1.5	1.5
020-040	.7											.7	2.4	2.0
050-070	1.0	.6										1.6	4.0	4.0
(E) 080-100	1.9	4.6	5.3	4.7	1.9	1.4						19.7	12.9	13.0
110-130	2.9	2.0	4.3	4.6	1.0	.1						14.9	11.8	12.0
140-160	3.0	.1	.3	.1	.1							3.7	4.6	3.0
(S) 170-190	9.7	.6	.4	.7	1.3	.6	.3					13.6	7.0	3.0
200-220	3.9	1.0	.1	.3	1.0	.7		.1				7.1	9.8	4.0
230-250	10.0	6.7										16.7	4.1	4.0
(W) 260-280	8.0	4.3										12.3	4.1	4.0
290-310	1.0	1.6	.3									2.9	5.4	6.0
320-340		.1										.1	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											6.4	////////	
TOTALS	42.4	21.6	10.7	10.4	5.3	2.8	.3	.1				100.0	7.5	5.0
TOTAL NUMBER OF OBSERVATIONS 700														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2										1.1	3.0	3.0
020-040	.9	.3										1.2	3.2	3.0
050-070	1.7	.7	.1	.0	.0							2.5	4.1	3.0
(E) 080-100	3.6	4.5	4.6	5.6	2.8	1.3	.5	.3	.0			23.0	13.5	13.0
110-130	3.0	3.7	5.9	7.5	5.0	1.4	.4	.2				27.3	14.7	15.0
140-160	2.3	.4	.2	.1	.1							3.1	4.6	3.0
(S) 170-190	3.7	.2	.2	.7	.7	.3	.1	.0				5.9	8.8	3.0
200-220	2.3	.2	.2	.2	.4	.1	.0					3.5	7.4	3.0
230-250	4.3	1.0	.0									5.4	3.4	3.0
(W) 260-280	5.1	2.9	.1	.0								8.1	4.1	4.0
290-310	3.1	3.6	.7	.1								7.5	5.5	5.0
320-340	1.0	.5	.0	.0								1.5	4.4	4.0
VARIABLE														
CALM	////////////////////											9.9	////////	
TOTALS	31.9	18.2	12.0	14.2	9.0	3.1	1.0	.5				100.0	9.2	7.0
TOTAL NUMBER OF OBSERVATIONS 6217														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.3										1.6	2.5	2.5
020-040	1.8	.5										2.4	3.2	3.0
050-070	1.8	.5										2.4	2.6	1.0
(E) 080-100	3.4	3.1	.5		.3							7.3	5.5	5.0
110-130	1.6	1.8	.5		.8							4.7	8.2	7.0
140-160	2.6											2.6	2.5	2.0
(S) 170-190	1.6											1.6	2.7	2.5
200-220	1.3	.3										1.6	2.8	2.0
230-250	5.0	1.8										6.8	3.5	3.0
(W) 260-280	7.9	8.7	.5									17.1	4.8	5.0
290-310	6.6	17.6	5.2	.3								29.7	7.0	7.0
320-340	2.4	3.4	.5									6.3	5.5	5.0
VARIABLE														
CALM	////////////////////											16.0	////////	
TOTALS	37.3	38.0	7.2	.3	1.1							100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 381

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATIN NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	1.5	1.5
020-040	.7											.7	2.4	2.0
050-070	1.0	.6										1.6	4.0	4.0
(E) 080-100	1.9	4.6	5.3	4.7	1.9	1.4						19.7	12.9	13.0
110-130	2.9	2.0	4.3	4.6	1.0	.1						14.9	11.8	12.0
140-160	3.0	.1	.3	.1	.1							3.7	4.6	3.0
(S) 170-190	9.7	.6	.4	.7	1.3	.6	.3					13.6	7.0	3.0
200-220	3.9	1.0	.1	.3	1.0	.7		.1				7.1	9.8	4.0
230-250	10.0	6.7										16.7	4.1	4.0
(W) 260-280	8.0	4.3										12.3	4.1	4.0
290-310	1.0	1.6	.3									2.9	5.4	6.0
320-340		.1										.1	6.0	6.0
VARIABLE														
CALM	////////////////////											6.4	////////	
TOTALS	42.4	21.6	10.7	10.4	5.3	2.8	.3	.1				100.0	7.5	5.0
TOTAL NUMBER OF OBSERVATIONS 700														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	1.0	1.0
020-040	.5											.5	3.3	4.0
050-070	.6	.2	.2									.9	5.5	4.0
(E) 080-100	2.9	4.1	3.8	2.9	1.4	.6	.2					15.7	11.6	10.0
110-130	2.7	3.0	4.5	6.3	3.9	.2						20.6	13.5	15.0
140-160	4.4	.6	.8	.6	.3							6.6	5.5	2.0
(S) 170-190	8.1	.2	.2	.9	1.2	.2	.3	.2				11.1	7.3	3.0
200-220	5.0	.3	.2	.5	.9	.5	.2					7.4	8.1	3.0
230-250	10.1	3.8										13.9	3.5	3.0
(W) 260-280	7.7	3.0										10.7	3.8	3.0
290-310	1.7	2.1	.3	.2								4.2	5.6	5.5
320-340	.2	.2										.3	4.5	4.5
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	44.4	17.5	10.0	11.4	7.7	1.5	.7	.2				100.0	7.6	5.0
TOTAL NUMBER OF OBSERVATIONS 664														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.4	3.0	2.5
020-040	.4		.1									.6	4.0	2.0
050-070	1.2	.1		.1								1.4	4.3	3.0
(E) 080-100	2.5	2.6	4.7	3.7	1.3	.8	.3					15.8	12.6	12.0
110-130	2.5	3.1	5.5	6.5	2.6	.4						20.5	13.1	14.0
140-160	3.1	.7		.1								3.9	3.3	3.0
(S) 170-190	7.8	.7	.3	1.2	1.1	.8						11.9	8.0	3.0
200-220	5.4	.7	.1	.6	.3	.2						7.2	5.8	3.0
230-250	8.4	3.7										12.0	3.7	4.0
(W) 260-280	6.2	3.5										9.7	4.1	4.0
290-310	1.6	1.4	.1									3.1	4.8	4.5
320-340	.2	.2	.1									.6	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											12.7	////////////////////////////////	
TOTALS	39.6	16.8	10.9	12.2	5.3	2.2	.3					100.0	7.3	5.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8											.8	2.9	3.0
020-040	1.2	.2										1.4	2.5	2.0
050-070	2.3	.2	.3									2.8	3.6	2.5
(E) 080-100	5.6	7.7	5.4	5.7	3.1	.4	.3	.1				28.4	11.3	10.0
110-130	1.8	2.6	5.5	5.9	3.1	.5						19.5	13.8	14.0
140-160	1.1	.3	.2									1.6	4.7	3.0
(S) 170-190	1.5	.2	.2	1.9	.8	.6	.3	.1				5.7	15.4	17.0
200-220	1.9	.5	.1	.3	.1	.5						3.6	8.9	4.0
230-250	3.6	1.1										4.6	3.3	3.0
(W) 260-280	4.6	3.0										7.7	4.1	4.0
290-310	2.8	3.1										5.9	4.7	5.0
320-340	.6	.3	.1	.1								1.2	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											16.8	////////////////////////////////	
TOTALS	27.8	19.2	11.8	13.9	7.1	2.0	.6	.2				100.0	8.1	7.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.5										2.3	3.4	3.0
020-040	2.4	.1										2.5	2.4	2.0
050-070	3.3	.6	.3									4.3	3.5	3.0
(E) 080-100	5.3	12.1	9.2	7.3	3.1	1.2	.3					38.5	11.5	11.0
110-130	1.6	3.0	3.4	5.6	2.5	.5						16.7	13.8	15.0
140-160	1.0	.1	.2	.1								1.4	5.2	3.0
(S) 170-190	.2	.1	.8	1.5	1.8	1.4	.3					6.1	20.1	20.0
200-220	.4	.3	.3	.5	.5	.1						2.3	13.3	15.0
230-250	.8	1.1	.2									2.0	5.5	5.0
(W) 260-280	2.5	2.7	.1									5.3	5.0	5.0
290-310	2.6	3.1	.3									6.0	5.3	5.0
320-340	1.4	.5	.2									2.2	4.5	4.0
VARIABLE														
CALM	////////////////////											10.5	////////	
TOTALS	23.2	24.2	15.0	15.0	7.9	3.2	.6					100.0	9.4	9.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.4										3.1	3.2	3.0
020-040	2.7	.2										2.9	2.8	3.0
050-070	2.9	.5	.2									3.7	3.6	3.0
(E) 080-100	3.3	9.9	8.3	6.1	3.8	.6	.1					32.2	11.8	11.0
110-130	2.0	2.6	3.4	3.4	2.0	.3	.1					14.0	12.8	12.0
140-160	.3	.8	.2	.4								1.7	9.0	7.5
(S) 170-190	.5	.3	.8	1.2	1.1	1.4	.3					5.6	18.6	19.5
200-220	.4	.5	1.4	1.9	.8	.4	.2					5.7	15.3	15.0
230-250	.4	1.7	.2									2.4	6.1	6.0
(W) 260-280	4.2	6.6	.3									11.1	5.3	5.0
290-310	2.9	3.8	1.1									7.8	5.9	5.0
320-340	1.5	.6	.3									2.5	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	23.8	27.9	16.2	13.0	7.7	2.7	.7					100.0	9.3	8.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4											1.4	2.2	2.0
020-040	1.5	.2										1.7	2.6	2.0
050-070	1.4	.8										2.2	3.6	3.5
(E) 080-100	1.9	5.2	5.6	5.1	1.9	.4	.4					20.6	12.6	12.0
110-130	1.3	4.5	4.7	4.0	1.6							16.2	12.1	11.0
140-160	1.3	.5	.3	.5	.1							2.8	7.6	5.5
(S) 170-190	1.0	1.2	1.2	1.0	1.1	.9						6.2	14.1	14.0
200-220	1.6	1.1	1.2	1.3	1.1	.1	.1					6.5	11.8	11.0
230-250	3.1	3.2										6.4	4.5	5.0
(W) 260-280	10.0	7.4	.3									17.8	4.5	4.0
290-310	2.9	4.8	.2									8.0	5.3	5.0
320-340	.9	.3										1.2	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////	
TOTALS	28.3	29.2	13.5	11.9	5.8	1.4	.5					100.0	8.1	7.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2											.2	2.0	2.0
020-040	.6											.6	2.2	2.0
050-070	.6	.8										1.5	4.6	5.0
(E) 080-100	1.6	5.6	6.4	4.4	1.5	.1	.5					20.0	12.1	11.0
110-130	1.7	3.3	3.9	3.3	1.1							13.2	11.5	11.0
140-160	.8	.7	.7	.1								2.4	7.3	6.5
(S) 170-190	4.8	.5	.8	1.8	1.1	.7	.2					10.1	10.7	6.0
200-220	4.6	1.2	.4	1.2	.4	.1						7.9	7.1	4.0
230-250	8.4	6.9	.1									15.4	4.2	4.0
(W) 260-280	9.8	7.6	.1									17.6	4.3	4.0
290-310	1.9	2.3										4.2	5.1	5.0
320-340	.1											.1	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											6.8	////////////////////////////////	
TOTALS	35.1	28.9	12.4	10.8	4.1	.9	.7					100.0	7.5	6.0
TOTAL NUMBER OF OBSERVATIONS 825														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.1										1.2	2.9	3.0
020-040	1.3	.1	.0									1.4	2.7	2.0
050-070	1.8	.5	.1	.0								2.4	3.8	3.0
(E) 080-100	3.2	6.6	6.2	5.1	2.3	.7	.3	.0				24.4	11.9	11.0
110-130	2.0	3.0	4.4	4.9	2.2	.3	.0					16.9	12.9	13.0
140-160	1.8	.5	.3	.3	.1							2.9	5.6	3.0
(S) 170-190	3.9	.5	.6	1.3	1.2	.9	.2	.0				8.5	11.6	9.0
200-220	2.8	.7	.5	.9	.6	.3	.1	.0				5.8	9.6	5.0
230-250	5.2	3.4	.1									8.6	4.1	4.0
(W) 260-280	6.5	4.8	.1									11.4	4.4	4.0
290-310	2.2	2.9	.3	.0								5.4	5.3	5.0
320-340	.7	.3	.1	.0								1.1	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////	
TOTALS	32.4	23.4	12.7	12.5	6.4	2.2	.6					100.0	8.2	6.0

TOTAL NUMBER OF OBSERVATIONS 6797

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.1										3.8	3.3	3.0
020-040	1.6											1.6	2.7	3.0
050-070	.5											.5	1.0	1.0
(E) 080-100	4.3	1.6	2.2	.5								8.7	6.6	4.5
110-130	1.6	1.1										2.7	4.8	4.0
140-160														
(S) 170-190	.5											.5	1.0	1.0
200-220	4.3											4.3	1.6	1.0
230-250	4.9	2.7										7.6	3.9	4.0
(W) 260-280	11.4	6.0	1.1									18.5	4.6	4.0
290-310	8.7	19.6	2.7									31.0	6.2	6.0
320-340	2.2	1.6	.5									4.3	4.8	4.5
VARIABLE														
CALM	////////////////////////////////////											16.3	////////////////////////////////	
TOTALS	42.7	33.7	6.5	.5								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 184

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2											1.2	1.9	2.0
020-040	.4											.4	2.3	2.0
050-070	.9	.4										1.3	3.5	4.0
(E) 080-100	.8	3.3	1.6									5.7	8.1	8.0
110-130	1.6	1.2	2.2	.4								5.4	8.3	9.0
140-160	3.0	1.6	.5	.3	.1							5.6	5.6	3.5
(S) 170-190	5.3	1.1	1.5	1.5	1.3	.1	.3					11.0	9.5	5.0
200-220	5.3	2.0	.9	1.6	1.5	.1						11.4	8.6	5.0
230-250	13.0	14.4	.4	.1								27.9	4.8	5.0
(W) 260-280	10.8	6.3										17.2	4.1	4.0
290-310	2.1	3.0	.4									5.6	5.5	5.5
320-340	.3	1.1										1.3	5.6	5.5
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	44.7	34.4	7.5	3.9	2.9	.2	.3					100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 756														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.7											.7	1.8	1.0
020-040	.9											.9	2.3	2.0
050-070	.9	.4										1.3	3.3	3.0
(E) 080-100	1.8	2.4	1.1	.4	.1							5.8	7.3	7.0
110-130	2.2	2.9	1.5	.7								7.3	7.9	7.0
140-160	3.8	.5	.5	.3								5.2	4.3	2.0
(S) 170-190	8.2	.7	.8	1.6	.4	.5	.3					12.4	7.5	3.0
200-220	7.0	1.6	.3	1.5	.7	.5	.4					11.9	8.1	4.0
230-250	13.9	8.3	.1									22.3	4.1	4.0
(W) 260-280	9.4	5.5										14.9	4.1	4.0
290-310	2.5	3.0										5.5	5.2	5.0
320-340	.5											.5	2.5	2.5
VARIABLE														
CALM	////////////////////////////////////										11.2	////////////////////////////////		
TOTALS	51.8	25.3	4.3	4.5	1.2	1.0	.7					100.0	5.0	4.0
TOTAL NUMBER OF OBSERVATIONS 757														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.1										1.2	2.3	2.0
020-040	2.4	.1										2.5	2.6	2.0
050-070	1.2	.6										1.8	3.3	2.5
(E) 080-100	3.6	4.3	2.8	.3	.3							11.4	7.4	6.0
110-130	3.1	2.9	2.5	1.2	.1							9.8	8.4	8.0
140-160	2.6	.3	.2		.2	.1						3.5	5.6	2.0
(S) 170-190	4.0	.5	.6	1.2	1.1	.5						7.8	10.0	4.0
200-220	3.4	.1	.5	.6	.8	.5						5.8	9.3	3.0
230-250	8.6	5.3										13.9	4.0	4.0
(W) 260-280	10.6	6.9										17.5	4.1	4.0
290-310	4.2	5.1	.2	.1								9.6	5.2	5.0
320-340	1.0	.1										1.1	2.5	2.5
VARIABLE														
CALM	////////////////////											14.0	////////	
TOTALS	45.8	26.3	6.8	3.4	2.5	1.1						100.0	5.1	4.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	.8	.1									4.8	3.3	3.0
020-040	2.7	.4										3.1	3.0	2.5
050-070	2.6	1.1	.1									3.8	3.7	3.0
(E) 080-100	4.7	7.3	7.1	2.3	.7	.1	.1					22.4	9.3	9.0
110-130	1.6	2.6	3.6	1.8	.3							9.8	10.3	10.0
140-160	.6		.4	.2	.3							1.6	11.4	11.0
(S) 170-190	.2	.1	.6	2.0	2.1	.6	.2					5.8	18.8	19.5
200-220	.2	.2	1.0	.8	.4	.2						2.9	14.7	14.5
230-250	2.1	2.4	.6	.1								5.2	5.5	5.0
(W) 260-280	4.8	4.4	.1									9.3	4.8	4.0
290-310	4.9	9.0	.6									14.5	5.6	5.0
320-340	3.6	2.0										5.6	4.0	4.0
VARIABLE														
CALM	////////////////////											11.3	////////	
TOTALS	31.9	30.3	14.2	7.2	3.8	.9	.3					100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.2										3.6	4.0	4.0
020-040	2.0	.7										2.7	3.8	3.5
050-070	1.8	1.1	.7									3.6	5.5	4.5
(E) 080-100	2.1	6.9	6.2	3.3	.4							19.1	10.3	10.0
110-130	2.5	3.2	2.5	1.9	.6	.1						10.7	9.8	9.0
140-160	.8	.7	.1	.1	.1							1.8	6.9	5.0
(S) 170-190	.1	.9	2.0	2.1	2.9	.4	.3	.1				8.9	17.6	17.5
200-220	.9	1.3	1.2	1.6	.6							5.6	11.6	11.0
230-250	2.1	2.5	1.3									5.9	6.7	7.0
(W) 260-280	4.0	5.9	1.8	.1	.1							11.9	6.2	6.0
290-310	3.5	6.4	.9	.1								10.8	5.9	5.0
320-340	2.7	2.9		.1								5.7	4.5	5.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	24.8	33.7	16.7	9.3	4.7	.5	.3	.1				100.0	7.8	7.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.9	.1									5.4	4.5	4.0
020-040	1.0	1.0	.2									2.3	4.4	5.0
050-070	1.5	1.5	.2									3.2	4.8	5.0
(E) 080-100	2.8	5.9	3.5	1.6	.5							14.2	9.0	8.0
110-130	.9	2.7	3.4	1.4	.5	.1						8.9	11.0	11.0
140-160	.6	.3	.2	.2								1.4	7.4	6.0
(S) 170-190	.6	.9	2.5	4.1	1.4	.8	.1					10.2	15.6	16.0
200-220	.3	2.3	2.6	2.9	.9	.2						9.2	13.0	13.5
230-250	1.2	4.8	1.8									7.9	7.4	7.0
(W) 260-280	2.1	10.8	2.8									15.8	6.8	6.0
290-310	2.6	7.4	1.7	.1								11.8	6.7	6.0
320-340	2.6	2.8	.2	.1								5.7	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	19.6	42.3	19.2	10.4	3.3	1.1	.1					100.0	8.4	7.0
TOTAL NUMBER OF OBSERVATIONS 888														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.8										4.1	4.6	4.0
020-040	.7	.3	.3									1.4	5.8	4.5
050-070	1.1	.8	.1									2.1	4.4	3.5
(E) 080-100	.7	4.9	3.3	.7								9.6	9.0	8.5
110-130	.9	3.0	2.2	.8	.1							7.0	9.3	9.0
140-160	.6	.7	.6									1.8	7.1	6.5
(S) 170-190	.3	2.3	3.7	2.2	1.0	.3	.2					10.1	13.6	13.0
200-220	.6	4.3	3.0	1.6	.7	.2						10.4	11.2	10.0
230-250	3.3	9.5	1.0									13.8	6.2	6.0
(W) 260-280	5.1	11.4	1.4	.1								18.1	6.0	6.0
290-310	4.3	8.2	.6	.1								13.3	6.0	6.0
320-340	2.1	2.1	.2									4.3	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////	
TOTALS	22.0	49.3	16.4	5.5	1.8	.5	.2					100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 874														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	.5	.1											.6	2.8	2.0
020-040	.4	.5											.9	4.6	5.0
050-070	.8	.9											1.6	5.1	5.0
(E) 080-100	.9	3.1	2.1	.3									6.4	8.3	8.0
110-130	1.3	2.6	.8	.1									4.8	7.1	7.5
140-160	1.3	.8	1.3	.1									3.4	7.1	7.0
(S) 170-190	2.4	1.3	2.5	1.5	.6	.3	.1						8.6	11.0	11.0
200-220	3.1	4.0	2.0	1.5	.5	.5	.1						11.8	9.5	7.0
230-250	12.1	13.4	.6										26.1	5.0	5.0
(W) 260-280	10.6	9.6	.4										20.6	4.6	4.0
290-310	3.4	4.5	.9										8.8	5.6	5.0
320-340	1.1	.5											1.6	4.2	3.0
VARIABLE															
CALM	////////////////////////////////////												4.9	////////////////////////////////	
TOTALS	37.9	41.3	10.6	3.5	1.1	.8	.2						100.0	6.1	5.0
TOTAL NUMBER OF OBSERVATIONS 800															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.8	.0									2.8	3.8	4.0
020-040	1.3	.4	.1									1.8	3.6	3.0
050-070	1.4	.9	.1									2.4	4.4	4.0
(E) 080-100	2.2	4.9	3.6	1.2	.3	.0	.0					12.2	9.0	8.0
110-130	1.7	2.7	2.4	1.1	.2	.0						8.1	9.3	9.0
140-160	1.6	.6	.5	.1	.1	.0						2.9	6.3	4.0
(S) 170-190	2.5	.9	1.8	2.0	1.4	.4	.2	.0				9.3	12.7	13.0
200-220	2.5	2.0	1.5	1.5	.7	.3	.1					8.4	10.3	9.0
230-250	6.7	7.3	.8	.0								14.8	5.1	5.0
(W) 260-280	7.0	7.7	.8	.0	.0							15.6	5.1	5.0
290-310	3.5	6.0	.7	.1								10.2	5.8	5.0
320-340	1.8	1.5	.1	.0								3.4	4.6	4.0
VARIABLE														
CALM	////////////////////											8.2	////////	
TOTALS	34.2	35.7	12.4	6.0	2.7	.7	.3					100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 6756														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	2.6										6.7	4.3	4.0
020-040	1.0	2.1										3.1	4.3	5.0
050-070														
(E) 080-100				.5								.5	10.0	10.0
110-130			.5									.5	6.0	6.0
140-160	.5											.5	2.0	2.0
(S) 170-190														
200-220	.5	.5	.5									1.6	7.0	9.0
230-250	2.6	4.1										6.7	5.2	5.0
(W) 260-280	10.4	22.3	3.6									36.3	5.8	5.0
290-310	3.1	26.4	3.6									33.2	6.9	7.0
320-340	3.1	4.7										7.8	5.1	6.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	25.3	63.2	8.2									100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.0	2.0
020-040	.5											.5	2.5	2.5
050-070	.9	1.2	.1									2.2	5.0	5.0
(E) 080-100	2.9	2.9	1.0	.1								6.9	5.7	5.0
110-130	1.8	1.8	.3									3.9	5.2	5.0
140-160	3.0	.5	.3	.3								4.1	4.5	3.0
(S) 170-190	4.8	1.6	1.3	3.1	1.6	.3	.1					12.8	10.5	10.0
200-220	3.3	3.1	1.6	1.4	.7							10.1	8.5	6.0
230-250	13.6	18.6	.5									32.8	5.1	5.0
(W) 260-280	8.4	2.9	.1									11.4	3.8	4.0
290-310	2.8	.9	.3									3.9	4.4	4.0
320-340	.7	.3										.9	3.4	2.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	43.1	33.8	5.5	4.9	2.3	.3	.1					100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 763														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.3	2.0
020-040	.6											.6	2.6	2.0
050-070	1.6	.5										2.2	3.5	3.0
(E) 080-100	2.2	2.4	.5	.1								5.2	5.8	6.0
110-130	3.3	1.5	.8									5.6	4.9	4.0
140-160	4.7	1.0	1.0	.3								7.0	4.9	3.0
(S) 170-190	5.4	.8	1.1	1.5	1.1	.4						10.4	8.7	4.0
200-220	6.5	1.8	1.5	.9	.3							10.9	5.8	3.0
230-250	10.9	13.5	.5									24.9	4.9	5.0
(W) 260-280	8.7	4.1										12.8	4.0	4.0
290-310	2.3	1.6	.1									4.1	4.6	4.0
320-340	.8	.1	.1									1.0	3.8	2.5
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	47.9	27.3	5.6	2.8	1.4	.4						100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 790														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4											1.4	2.9	3.0
020-040	2.5	.3										2.8	2.9	3.0
050-070	2.5	1.2	.1									3.8	3.9	3.0
(E) 080-100	5.2	5.1	1.6	.2								12.1	5.8	5.0
110-130	3.1	3.2	1.8	.4	.1							8.7	7.0	6.0
140-160	1.2	.6	.5	.3								2.7	7.0	6.0
(S) 170-190	1.6	.3	.8	1.7	.9	.5						5.8	13.0	15.0
200-220	1.7	1.4	.9	1.0	.2	.1						5.3	9.3	7.0
230-250	7.3	7.3	1.1									15.7	5.0	5.0
(W) 260-280	8.8	4.2	.2									13.3	4.1	4.0
290-310	4.3	4.7	.5									9.6	5.3	5.0
320-340	1.3	1.7										3.0	4.8	5.0
VARIABLE														
CALM	////////////////////											15.8	////////	
TOTALS	40.9	30.0	7.5	3.6	1.2	.6						100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.6										5.2	4.5	4.5
020-040	2.5	1.2	.1									3.8	3.8	3.0
050-070	3.2	1.8	.6									5.7	4.6	4.0
(E) 080-100	2.7	6.6	4.1	1.2	.1							14.6	8.4	8.0
110-130	1.8	3.2	3.3	.9								9.3	8.9	9.0
140-160	.2	.9	.2	.1								1.4	7.8	7.0
(S) 170-190	.8	.3	2.3	2.2	1.5	1.4	.2					8.6	16.8	17.0
200-220	1.1	1.2	1.5	.8	.5	.2	.1					5.4	11.5	12.0
230-250	1.7	4.6	1.5									7.9	6.8	7.0
(W) 260-280	4.1	4	1.5									11.0	5.8	5.0
290-310	3.2	5.8	.8									9.8	5.7	5.0
320-340	3.9	3.8	.3									8.0	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////	
TOTALS	27.8	37.4	16.2	5.2	2.1	1.6	.3					100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.8	.1									8.0	4.6	4.0
020-040	1.5	1.2	.3									3.0	5.2	4.5
050-070	1.4	2.3	.6									4.3	6.2	5.0
(E) 080-100	1.7	3.0	3.4	1.0	.1							9.2	8.9	9.0
110-130	2.4	2.7	1.9	.6								7.6	7.5	7.0
140-160	1.3	1.0	.9	.1								3.2	6.9	7.0
(S) 170-190	1.4	1.9	1.5	2.4	2.6	.9	.1					10.8	14.5	15.5
200-220	1.1	1.7	2.2	1.2	2.3	.4	.1					8.9	13.8	13.0
230-250	2.4	5.6	2.5	.3								10.8	7.2	7.0
(W) 260-280	1.7	6.8	.9									9.4	6.4	6.0
290-310	3.5	6.1	1.3									11.0	5.9	6.0
320-340	2.5	4.5	1.0									8.0	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	25.0	40.6	16.6	5.6	5.0	1.3	.2					100.0	7.7	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.8	.5									8.0	5.5	5.0
020-040	2.3	1.5	.3									4.1	4.9	4.0
050-070	1.0	1.6	.3	.2								3.1	6.3	5.0
(E) 080-100	1.7	3.0	2.5	.4								7.7	7.9	8.0
110-130	1.6	2.6	1.8	.4	.2							6.7	8.5	9.0
140-160	.4	1.2	.3	.2	.1							2.3	8.2	7.0
(S) 170-190	.6	1.7	2.2	2.8	2.8	1.0	.1					11.2	15.8	16.0
200-220	1.1	2.8	3.0	3.6	1.9	.5	.1					13.1	13.5	13.0
230-250	2.2	6.7	3.1	.2								12.2	7.7	7.0
(W) 260-280	1.8	6.1	.5									8.4	6.3	6.0
290-310	1.9	4.8	1.5	.3								8.5	7.1	6.0
320-340	3.6	5.5	.5									9.6	5.6	6.0
VARIABLE														
CALM	////////////////////											5.0	////////	
TOTALS	21.9	41.3	16.5	8.1	5.0	1.5	.2					100.0	8.4	7.0
TOTAL NUMBER OF OBSERVATIONS 925														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.7										6.7	4.5	4.0
020-040	2.2	.8										2.9	3.5	3.0
050-070	1.3	2.6	.3									4.2	6.1	6.0
(E) 080-100	1.0	2.8	2.0	.4								6.2	8.1	7.0
110-130	.8	3.4	1.7	.2								6.1	8.3	8.0
140-160	.5	.9	.4	.1								2.0	7.0	6.0
(S) 170-190	.5	2.5	3.0	3.3	1.4	.2	.1					11.1	13.5	14.0
200-220	1.3	3.0	4.9	3.5	1.8	.1	.1					14.8	12.7	12.0
230-250	3.5	9.8	1.2									14.5	6.2	6.0
(W) 260-280	3.7	5.5	.2									9.5	5.2	5.0
290-310	2.8	4.8	1.0	.2								8.8	6.1	5.0
320-340	3.0	4.5	.3									7.8	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////	
TOTALS	24.6	43.3	15.0	7.7	3.2	.3	.2					100.0	7.5	6.0
TOTAL NUMBER OF OBSERVATIONS 920														

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.2										1.9	2.7	2.0
020-040	1.1	.1										1.2	2.2	2.0
050-070	.5	1.7										2.2	5.7	6.0
(E) 080-100	2.2	1.9	1.0									5.1	6.0	5.0
110-130	1.7	2.0	.2									4.0	5.6	5.0
140-160	1.2	1.9	.4	.1								3.6	5.9	5.0
(S) 170-190	2.2	2.1	3.2	3.4	1.1	.1						12.2	11.8	13.0
200-220	3.2	4.1	1.9	2.2	1.7		.1					13.3	10.3	8.0
230-250	10.6	11.7	.4									22.7	4.9	5.0
(W) 260-280	6.1	4.0	.4									10.5	4.5	4.0
290-310	3.5	2.9	.1									6.5	4.3	4.0
320-340	4.4	.4										4.7	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	38.3	33.0	7.6	5.7	2.8	.1	.1					100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 802														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70267

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.7	.1									4.2	4.6	4.0
020-040	1.7	.7	.1									2.5	3.9	3.0
050-070	1.6	1.6	.3	.0								3.5	5.2	5.0
(E) 080-100	2.4	3.5	2.1	.5	.0							8.5	7.3	7.0
110-130	2.1	2.6	1.6	.3	.0							6.6	7.4	7.0
140-160	1.5	1.0	.5	.2	.0							3.2	6.1	5.0
(S) 170-190	2.1	1.4	1.9	2.5	1.6	.6	.1					10.3	13.1	14.0
200-220	2.3	2.4	2.2	1.8	1.2	.2	.1					10.1	11.0	10.0
230-250	6.2	9.4	1.4	.1								17.1	5.7	5.0
(W) 260-280	5.3	4.9	.5									10.7	5.0	5.0
290-310	3.1	4.1	.7	.1								8.0	5.7	5.0
320-340	2.5	2.7	.3									5.6	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											9.6	////////////////////////////////	
TOTALS	33.2	36.0	11.7	5.5	2.8	.8	.2					100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 6987														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.5										3.2	3.5	3.5
020-040	2.1											2.1	3.0	3.0
050-070	1.1											1.1	2.5	2.5
(E) 080-100	1.6	2.1										3.7	4.6	5.0
110-130	1.1	1.1										2.1	5.3	4.5
140-160														
(S) 170-190			1.1	.5								1.6	14.0	13.0
200-220	1.1	1.6		.5	1.6							4.8	12.0	9.0
230-250	3.7	5.8	3.2									12.7	6.8	7.0
(W) 260-280	8.5	15.9	1.1									25.4	5.8	6.0
290-310	6.9	15.9	3.7									26.5	6.3	6.0
320-340	4.2	5.3	.5									10.1	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											6.9	////////////////////////////////	
TOTALS	32.9	48.2	9.6	1.0	1.6							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 189

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	2.5	2.5
020-040	1.2	.1										1.4	2.7	3.0
050-070	1.2	.4										1.7	3.3	3.0
(E) 080-100	1.9	1.8	.4	.1								4.3	5.4	5.0
110-130	1.2	1.0										2.2	4.3	3.5
140-160	1.5	.6	.3		.1							2.5	5.4	4.0
(S) 170-190	4.7	1.8	1.4	1.2	1.7	.6						11.3	9.7	5.0
200-220	6.6	6.6	1.1	1.5	1.4	.1						17.4	7.4	5.0
230-250	15.0	19.7	1.1									35.9	5.0	5.0
(W) 260-280	7.4	5.0										12.4	4.1	4.0
290-310	1.7	.8										2.5	3.7	3.0
320-340	1.2	.3										1.5	3.3	3.0
VARIABLE														
CALM	////////////////////											6.8	////////	
TOTALS	43.9	38.1	4.3	2.8	3.2	.7						100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 725

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.1										.8	2.7	2.0
020-040	1.1	.3										1.3	2.9	3.0
050-070	1.2	.5	.1									1.9	4.1	3.5
(E) 080-100	3.5	.9	.4	.1	.1							5.1	4.9	3.0
110-130	4.0	.8	.3									5.1	3.6	3.0
140-160	2.8	.1	.4	.1		.1						3.6	4.6	3.0
(S) 170-190	4.4	1.1	1.1	2.8	.8	.3						10.4	9.7	6.0
200-220	3.9	2.7	.9	1.7	.5	.5						10.3	8.9	6.0
230-250	15.4	17.0	1.2									33.6	5.0	5.0
(W) 260-280	10.7	3.6		.1								14.4	3.9	4.0
290-310	2.5	.9	.1	.1								3.7	4.6	4.0
320-340	1.1	.1										1.2	2.9	2.0
VARIABLE														
CALM	////////////////////											8.6	////////	
TOTALS	51.3	28.1	4.5	4.9	1.4	.9						100.0	5.1	4.0
TOTAL NUMBER OF OBSERVATIONS 748														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.3										2.3	2.9	3.0
020-040	1.4	.3										1.8	3.0	2.5
050-070	2.3	2.0										4.3	4.4	4.0
(E) 080-100	5.2	4.6	1.4	.3								11.6	5.7	5.0
110-130	2.9	1.6	.8	.2								5.5	5.6	4.0
140-160	1.2	.7	.2	.3	.2	.1	.1					2.9	8.9	5.0
(S) 170-190	.4	1.0	1.1	2.1	.8	.1						5.6	13.9	15.5
200-220	1.6	2.8	.8	1.6	.9	.1						7.7	10.3	8.0
230-250	10.0	10.4	1.3									21.7	5.3	5.0
(W) 260-280	8.6	5.2	.3	.2								14.4	4.5	4.0
290-310	5.5	2.2	.2	.1								8.0	4.4	4.0
320-340	3.0	.9										3.9	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											10.3	////////////////////////////////	
TOTALS	44.1	32.0	6.1	4.8	1.9	.3	.1					100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.8	2.3	.1									8.2	3.9	4.0
020-040	2.7	1.0	.1									3.8	3.9	4.0
050-070	3.8	1.3	.2									5.3	4.1	4.0
(E) 080-100	3.1	3.8	2.2	.7	.1	.1						10.0	7.7	7.0
110-130	2.1	1.8	1.7	.7								6.2	7.9	6.0
140-160	.4	.8	.2	.3	.2	.3						2.3	11.4	8.0
(S) 170-190	.7	.8	1.2	2.0	1.7	.7						7.0	15.6	17.0
200-220	1.3	2.4	1.8	1.8	.6	.2	.1					8.2	11.0	10.0
230-250	3.2	9.9	2.0									15.1	6.5	6.0
(W) 260-280	4.3	3.6	.2	.1								8.2	4.8	4.0
290-310	5.0	4.8	.4									10.2	4.8	5.0
320-340	5.6	1.9	.1									7.6	3.8	3.5
VARIABLE														
CALM	////////////////////////////////////											7.6	////////////////////////////////	
TOTALS	38.0	34.4	10.2	5.6	2.6	1.3	.1					100.0	6.4	5.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	5.0	.1									10.1	4.6	5.0
020-040	3.3	1.9	.3									5.6	4.6	4.0
050-070	1.4	1.1	.3									2.9	5.1	4.5
(E) 080-100	1.9	1.8	2.1	.7	.2							6.7	8.5	9.0
110-130	1.8	.8	.7	.7								3.9	7.5	5.0
140-160	1.3	.6	.6	.3	.1	.1						3.0	8.0	5.0
(S) 170-190	.9	2.0	1.0	2.7	2.2	.2	.2					9.2	14.6	15.0
200-220	1.7	2.6	2.2	2.4	.8	.7						10.3	12.0	12.0
230-250	2.9	8.7	2.4	.3								14.3	6.9	7.0
(W) 260-280	3.4	4.3	.3									8.1	4.8	5.0
290-310	2.7	5.3	1.0	.1								9.1	6.1	5.0
320-340	5.5	3.6	.4									9.5	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	31.8	37.7	11.4	7.2	3.3	1.0	.2					100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	5.1	.1									9.4	4.8	5.0
020-040	2.3	2.0	.4									4.8	5.1	5.0
050-070	2.6	1.5	.4									4.5	4.9	4.0
(E) 080-100	2.1	1.2	1.2	.4								5.0	7.6	6.0
110-130	.3	2.0	.8	.3	.1							3.6	8.6	7.5
140-160	.9	1.1	.3		.1							2.5	6.0	5.0
(S) 170-190	1.1	1.7	3.1	2.8	2.3	.8	.1					12.0	14.6	15.0
200-220	1.3	2.8	3.2	1.8	1.0	.1						10.3	11.6	11.0
230-250	3.6	9.8	3.8	.2								17.4	7.2	7.0
(W) 260-280	4.3	4.7	.1									9.1	4.8	5.0
290-310	3.6	5.0	.3	.4								9.4	5.7	5.0
320-340	4.4	3.0	.2									7.6	4.6	4.0
VARIABLE														
CALM	////////////////////											4.5	////////	
TOTALS	30.6	39.9	13.9	5.9	3.5	.9	.1					100.0	7.3	6.0
TOTAL NUMBER OF OBSERVATIONS 894														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	2.9										7.8	4.0	4.0
020-040	2.0	1.0										3.0	3.9	4.0
050-070	1.5	1.1	.3									2.9	5.3	4.5
(E) 080-100	.8	2.6	1.5	.2								5.0	8.1	8.0
110-130	.9	1.3	1.1	.6								3.9	8.7	7.0
140-160	.4	.4	.2	.2	.1							1.5	8.6	5.0
(S) 170-190	1.2	2.3	3.0	2.2	2.3	.1						11.3	13.0	12.0
200-220	1.2	3.3	5.2	2.3	1.3	.1						13.6	11.9	12.0
230-250	6.6	13.6	.9									21.1	5.8	6.0
(W) 260-280	4.8	4.6	.2									9.6	5.0	4.5
290-310	3.6	4.1	.6									8.3	5.3	5.0
320-340	4.2	3.3										7.6	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	32.1	40.5	13.0	5.5	3.7	.2						100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.3										3.1	2.5	2.0
020-040	1.6	.1										1.7	3.1	3.0
050-070	1.3	.9										2.2	4.0	4.0
(E) 080-100	2.0	2.2	.5	.1	.1							5.0	6.6	6.0
110-130	2.6	1.4	.4									4.4	4.6	3.5
140-160	.9	.8	.3	.1								2.1	6.1	5.0
(S) 170-190	2.5	2.6	1.8	1.6	1.0	.5						10.1	10.9	9.0
200-220	5.7	4.4	2.7	2.0	.9							15.8	8.2	7.0
230-250	12.4	13.7	1.0									27.2	5.1	5.0
(W) 260-280	7.2	3.9										11.1	3.8	4.0
290-310	4.0	1.8	.1									6.0	3.7	3.5
320-340	2.9	1.0										3.9	3.3	2.5
VARIABLE														
CALM	////////////////////////////////////											7.4	////////	
TOTALS	46.0	33.1	6.8	3.8	2.0	.5						100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 766														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.1	.0									5.5	4.1	4.0
020-040	2.0	.9	.1									3.0	4.1	4.0
050-070	2.0	1.1	.2									3.3	4.5	4.0
(E) 080-100	2.6	2.4	1.3	.4	.1	.0						6.7	6.9	6.0
110-130	1.9	1.4	.7	.3	.0							4.4	6.5	5.0
140-160	1.2	.6	.3	.2	.1	.1	.0					2.5	7.4	5.0
(S) 170-190	1.9	1.7	1.7	2.2	1.6	.4	.0					9.5	12.7	13.0
200-220	2.8	3.4	2.3	1.9	.9	.2	.0					11.5	10.0	9.0
230-250	8.3	12.6	1.8	.1								22.7	5.7	5.0
(W) 260-280	6.2	4.4	.2	.1								10.8	4.4	4.0
290-310	3.6	3.3	.4	.1								7.4	5.0	5.0
320-340	3.6	1.9	.1									5.6	4.0	4.0
VARIABLE														
CALM	////////////////////											7.1	////////	
TOTALS	39.4	35.8	9.1	5.3	2.7	.7						100.0	6.2	5.0

TOTAL NUMBER OF OBSERVATIONS 6723

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.2	1.3									3.5	4.4	4.0
020-040	.4										.4	1.0	1.0
050-070	.4										.4	2.0	2.0
(E) 080-100		.4									.4	6.0	6.0
110-130		.9	.4								1.3	6.7	5.0
140-160	.4	.4									.9	4.5	4.5
(S) 170-190	.9	.9									1.8	5.3	5.0
200-220	.9	3.1	.4								4.4	6.3	5.5
230-250	5.3	22.0	3.1								30.4	6.6	7.0
(W) 260-280	6.2	9.3	.9	1.3							17.6	5.9	5.0
290-310	7.0	11.5	2.6	2.2							23.3	7.2	5.0
320-340	8.4	3.1									11.5	4.1	4.0
VARIABLE													
CALM	////////////////////////////////////										4.0	////////////////////////////////	
TOTALS	32.1	52.9	7.4	3.5							100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 227

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	3.3	3.5
020-040	.5	.3										.8	3.8	4.0
050-070	1.1	.7										1.8	3.5	3.0
(E) 080-100	1.8	.7										2.5	3.9	3.5
110-130	2.3	.3										2.6	2.8	3.0
140-160	3.1	.5	.1									3.8	3.1	3.0
(S) 170-190	6.8	2.2	.1	.7	.3	.1						10.2	5.2	3.0
200-220	7.8	3.3	.5	.5	.3							12.4	5.2	4.0
230-250	21.7	19.6	.1									41.4	4.6	4.0
(W) 260-280	11.6	4.1	.1									15.8	3.7	3.0
290-310	3.8	1.1										4.9	3.4	3.0
320-340	1.4	.3										1.6	2.8	3.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	62.4	33.1	.9	1.2	.6	.1						100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 734														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.4	2.0
020-040	1.5											1.5	2.3	2.0
050-070	2.1											2.1	2.6	2.5
(E) 080-100	3.3	1.1	.1									4.5	3.4	3.0
110-130	3.6	.4	.1									4.1	2.9	2.0
140-160	5.0	.4										5.4	2.6	2.0
(S) 170-190	6.9	.9	.5	.5								8.9	4.2	3.0
200-220	8.9	2.7	.3	.1	.1							12.1	3.9	3.0
230-250	20.8	14.6	.1									35.6	4.3	4.0
(W) 260-280	11.8	3.9										15.7	3.7	3.0
290-310	2.5	.8										3.3	2.9	2.0
320-340	.5	.1										.7	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	67.8	24.9	1.1	.6	.1							100.0	3.6	3.0
TOTAL NUMBER OF OBSERVATIONS 753														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.2	.1									2.4	2.7	2.0
020-040	1.4	.2	.1									1.7	3.7	3.0
050-070	4.1	.8										4.8	3.1	3.0
(E) 080-100	6.4	3.7	.4	.1								10.5	4.5	4.0
110-130	4.6	2.4		.1								7.1	4.3	4.0
140-160	1.5	.4										1.9	3.3	3.0
(S) 170-190	2.3	.3	.5	.4	.2	.1						3.9	7.5	3.5
200-220	2.7	2.7	.9	.1	.1	.1						6.6	6.1	5.0
230-250	14.3	11.7	.4									26.5	4.6	4.0
(W) 260-280	9.9	3.6										13.5	3.8	4.0
290-310	5.6	2.6	.1									8.3	3.8	3.0
320-340	3.1	1.0										4.1	3.4	3.0
VARIABLE														
CALM	////////////////////											8.7	////////	
TOTALS	57.9	29.6	2.5	.7	.3	.2						10.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	1.3										7.1	3.5	3.0
020-040	3.4	.8										4.2	3.3	3.0
050-070	5.5	2.9	.1									8.5	3.9	4.0
(E) 080-100	4.3	6.9	2.4	.3								13.9	6.3	5.0
110-130	2.2	1.6	1.2	.2								5.2	6.7	5.0
140-160	1.1	.1	.3		.2							1.7	6.8	3.0
(S) 170-190	1.0	.9	.6	.2	.6	.1	.1					3.6	11.5	9.0
200-220	1.7	2.2	.4	.8	.1							5.2	7.6	5.0
230-250	7.3	7.5	.4									15.3	5.0	5.0
(W) 260-280	5.8	2.8	.3									8.9	4.2	4.0
290-310	6.7	5.6										12.3	4.5	4.0
320-340	5.2	3.1										8.3	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	50.0	35.7	5.7	1.5	.9	.1	.1					100.0	4.9	4.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	3.6										11.6	4.0	4.0
020-040	4.3	1.2	.1									5.6	3.8	3.5
050-070	2.8	3.4	.1	.1								6.5	5.0	5.0
(E) 080-100	2.0	4.3	2.4	.1	.1							8.9	7.3	7.0
110-130	2.2	2.2	1.1	.3								5.7	6.9	6.0
140-160	.8	.5		.1								1.4	5.4	4.0
(S) 170-190	.8	1.0	1.5	1.0	.6							4.8	11.8	13.0
200-220	.9	2.5	1.5	1.2	.5							6.6	10.4	9.0
230-250	2.5	8.1	.6									11.2	6.1	6.0
(W) 260-280	5.0	5.8	.4									11.2	5.1	5.0
290-310	5.5	7.1	.1									12.7	4.9	5.0
320-340	6.1	4.3	.1									10.5	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											3.2	//////////	
TOTALS	41.0	44.0	7.9	2.8	1.2							100.0	5.7	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.0	5.4	.3									11.7	4.4	4.0
020-040	4.2	1.7	.3									6.2	4.1	4.0
050-070	2.0	1.9	.5									4.5	5.4	5.0
(E) 080-100	1.4	3.3	.8	.5	.1							6.1	7.3	6.0
110-130	1.0	1.5	1.0	.1								3.6	7.8	8.0
140-160	.8	.4	.2	.1								1.5	6.3	4.5
(S) 170-190	.6	1.4	1.4	1.0	.4							4.8	11.2	11.0
200-220	.9	2.2	1.8	1.6	.4	.2						7.1	11.3	11.0
230-250	4.3	10.1	1.8									16.3	6.2	6.0
(W) 260-280	4.3	4.3	.2									8.8	4.9	5.0
290-310	7.0	7.0	.4									14.4	4.8	5.0
320-340	7.1	4.7	.2									12.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////										2.8	////////////////////////////////		
TOTALS	39.6	43.9	8.9	3.3	.9	.2						100.0	5.9	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.7	2.0										10.8	3.5	3.0
020-040	2.5	.8		.1								3.3	3.9	4.0
050-070	2.3	2.4	.3									4.9	5.0	5.0
(E) 080-100	1.1	1.7	1.2		.1							4.1	7.4	6.0
110-130	.8	1.3	.6									2.7	6.7	7.0
140-160	.6	.9	.1									1.6	5.9	5.0
(S) 170-190	.9	1.4	1.2	.6	.4	.2	.1					4.8	11.4	10.0
200-220	1.3	5.8	2.8	.6	.5							11.1	9.2	8.0
230-250	8.1	10.3	.9	.1								19.4	5.3	5.0
(W) 260-280	5.9	1.9										7.8	3.8	4.0
290-310	6.8	5.8	.8	.1								13.4	4.9	4.0
320-340	6.8	4.0	.3									11.1	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	45.8	38.3	8.2	1.5	1.0	.2	.1					100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	.1	.1									3.0	2.6	2.0
020-040	.6											.6	2.0	2.0
050-070	2.1	.9	.1									3.2	4.0	3.0
(E) 080-100	3.2	.9										4.0	3.6	3.0
110-130	2.0	1.5		.1								3.7	4.3	3.0
140-160	1.9	.3	.1									2.3	3.6	3.0
(S) 170-190	3.5	.9	.6	.5	.9	.3						6.7	8.1	4.0
200-220	5.5	4.4	.8	.3	.4							11.3	5.5	5.0
230-250	17.9	16.1	.5									34.6	4.5	4.0
(W) 260-280	9.5	3.4	.4									13.2	3.9	3.0
290-310	6.8	2.8										9.6	3.7	3.0
320-340	3.7	.9	.1									4.7	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	59.5	32.2	2.7	.9	1.3	.3						100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 793														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.6	1.7	.1									6.4	3.7	3.0
020-040	2.4	.6	.1	.0								3.1	3.7	3.0
050-070	2.8	1.7	.2	.0								4.7	4.3	4.0
(E) 080-100	2.9	3.0	1.0	.1	.0							7.1	5.8	5.0
110-130	2.3	1.4	.5	.1								4.4	5.5	4.0
140-160	1.7	.4	.1	.0	.0							2.4	4.1	3.0
(S) 170-190	2.6	1.1	.9	.6	.4	.1	.0					5.8	8.3	5.0
200-220	3.4	3.2	1.2	.7	.3	.0						8.8	7.2	6.0
230-250	11.5	11.9	.6	.0								24.1	4.9	5.0
(W) 260-280	7.7	3.7	.2									11.6	4.1	4.0
290-310	5.7	4.3	.2	.0								10.2	4.4	4.0
320-340	4.4	2.4	.1									7.0	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	52.0	35.4	5.2	1.5	.7	.1						100.0	4.8	4.0

TOTAL NUMBER OF OBSERVATIONS 6926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAFK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.4	2.3									7.7	3.9	3.5
020-040	3.4	.4									3.8	3.5	3.5
050-070	1.1	.8									1.9	4.2	4.0
(E) 080-100	.8	2.3									3.1	4.5	5.0
110-130	.8	.4									1.1	4.0	4.0
140-160	1.1	.8	.4								2.3	6.2	4.5
(S) 170-190	.4										.4	3.0	3.0
200-220	1.1	1.5									2.7	4.7	5.0
230-250	13.8	7.3									21.1	4.1	4.0
(W) 260-280	7.7	3.1									10.7	3.9	4.0
290-310	15.7	12.3									28.0	4.3	4.0
320-340	7.7	5.7									13.4	4.6	4.0
VARIABLE													
CALM	////////////////////////////////////										3.8	////////////////////////////////	
TOTALS	59.0	36.9	.4								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	1.8	1.5
020-040	1.1	.4										1.5	3.3	3.0
050-070	.7	.1										.8	2.8	2.5
(E) 080-100	2.2	1.8	.3	.1								4.5	4.7	4.5
110-130	4.5	1.4	.3	.1								6.3	4.0	3.0
140-160	4.1	.8	.6	.3								5.8	4.6	3.0
(S) 170-190	5.8	1.5	1.4	1.4	1.4		.1					11.6	8.6	5.0
200-220	7.2	3.1	.8	3.2	.7	.1	.1					15.3	8.4	5.0
230-250	16.8	11.5	.8	.1								29.3	4.6	4.0
(W) 260-280	11.9	2.4	.1									14.4	3.5	3.0
290-310	3.4	2.1	.6									6.0	4.6	4.0
320-340	1.1	.3										1.4	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	59.9	25.4	4.9	5.2	2.1	.1	.2					100.0	5.3	4.0
TOTAL NUMBER OF OBSERVATIONS 713														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.1	2.0
020-040	2.0											2.0	2.5	2.0
050-070	1.7	.3										2.0	2.7	2.0
(E) 080-100	4.2	2.5	.1									6.9	4.3	4.0
110-130	5.0	3.7	.3									9.0	4.3	4.0
140-160	6.7	.5	.4	.1								7.8	3.3	2.0
(S) 170-190	7.5	1.3	.9	1.7	1.2	.1						12.8	7.5	3.0
200-220	5.2	1.9	.8	1.1	.8	.1						9.8	7.6	4.0
230-250	17.9	4.1	.4									22.4	3.7	3.0
(W) 260-280	11.4	2.5										13.9	3.1	3.0
290-310	4.4	1.6	.3									6.2	4.0	3.0
320-340	1.1	.4										1.5	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	68.0	18.8	3.2	2.9	2.0	.2						100.0	4.3	3.0
TOTAL NUMBER OF OBSERVATIONS 756														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2											1.2	2.1	2.0
020-040	2.2											2.2	2.0	2.0
050-070	4.7	.6										5.4	3.0	3.0
(E) 080-100	8.2	5.4	1.5	.1								15.2	5.3	4.0
110-130	4.9	4.5	1.0									10.4	5.2	5.0
140-160	3.7	.6	.2		.1							4.6	3.7	3.0
(S) 170-190	3.1	.5	1.2	1.5	.9	.2	.1					7.5	10.4	10.0
200-220	3.3	1.1	.9	.9	.3	.2						6.7	8.0	4.5
230-250	11.0	3.8	.5									15.3	4.0	4.0
(W) 260-280	10.5	2.5										13.0	3.4	3.0
290-310	6.3	3.3										9.7	3.8	4.0
320-340	1.3	.8										2.0	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											6.9	////////////////////////////////	
TOTALS	60.4	23.1	5.3	2.5	1.3	.4	.1					100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	1.6										6.3	3.6	3.5
020-040	4.6	.9										5.5	3.2	3.0
050-070	5.7	1.9										7.7	3.6	3.0
(E) 080-100	6.2	11.0	2.9	.9	.3							21.3	6.9	6.0
110-130	1.8	3.0	2.4	.5	.1							7.9	8.2	9.0
140-160	.6	.5	.1	.1								1.4	5.7	5.0
(S) 170-190	1.0	.3	1.1	1.3	1.4	.4						5.5	14.7	16.0
200-220	1.5	.8	.9	1.0	.3	.3	.1					4.9	11.3	10.0
230-250	3.7	2.6	1.3									7.6	5.4	5.0
(W) 260-280	4.8	3.5	.1									8.3	4.2	4.0
290-310	6.4	4.9	.4									11.7	4.7	4.0
320-340	4.4	1.7										6.2	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	45.3	32.7	9.2	3.8	2.1	.7	.1					100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 926														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.8	2.8	.1									8.7	4.0	4.0
020-040	3.9	1.1										5.0	3.7	4.0
050-070	3.7	2.8										6.5	4.3	4.0
(E) 080-100	3.1	5.9	2.7	1.2	.2							13.2	7.9	7.0
110-130	2.2	2.8	1.4	.5								6.9	7.4	6.0
140-160	.8	1.1	.4	.2	.1							2.6	8.0	6.0
(S) 170-190	1.1	.8	2.7	2.7	2.4	1.1						10.7	15.7	16.0
200-220	1.0	1.3	1.1	1.5	.5							5.4	11.4	11.0
230-250	1.7	4.6	.5									6.9	6.0	6.0
(W) 260-280	3.3	3.5	.1									6.9	4.7	5.0
290-310	5.8	5.1	.6									11.6	4.8	4.0
320-340	6.7	4.0	.2									10.9	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	39.1	35.8	9.8	6.1	3.2	1.1						100.0	6.6	5.0
TOTAL NUMBER OF OBSERVATIONS 926														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 15 17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.6	4.0	.1									10.7	4.3	4.0
020-040	4.3	1.6										5.9	3.6	3.0
050-070	2.3	2.2	.3									4.7	5.0	5.0
(E) 080-100	1.0	3.9	1.1	.8	.1							6.8	8.4	8.0
110-130	1.1	2.2	.9	.5								4.6	8.0	7.0
140-160	.2	.6	.4	.3	.1							1.7	9.9	9.0
(S) 170-190	.6	.9	2.5	4.0	1.7	.6						10.3	15.3	15.5
200-220	1.0	2.2	2.6	3.1	.9	.2						9.9	12.6	13.0
230-250	2.9	5.0	.3	.1								8.3	5.8	6.0
(W) 260-280	3.3	4.0										7.3	4.8	5.0
290-310	6.4	5.4	1.0									12.7	4.9	4.5
320-340	7.1	5.6	.1									12.8	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////										4.2	////////////////////////////////		
TOTALS	36.8	37.6	9.3	8.8	2.8	.8						100.0	6.9	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	.9										6.7	3.0	3.0
020-040	3.9	.6										4.5	3.1	3.0
050-070	2.8	1.1										3.9	3.6	3.0
(E) 080-100	2.5	2.4	.8	.2	.1							5.9	6.3	5.0
110-130	.6	1.8	.4	.4								3.3	7.7	6.0
140-160	.5	1.0	.3	.4	.2							2.5	9.3	8.0
(S) 170-190	.6	2.5	2.9	3.2	2.2	.6						12.0	14.3	14.5
200-220	2.8	2.7	3.1	2.4	.9	.2						12.0	10.4	10.0
230-250	5.2	6.5	.2									11.8	5.1	5.0
(W) 260-280	6.2	2.7	.2									9.1	4.3	4.0
290-310	6.7	4.5	.4	.1								11.7	4.6	4.0
320-340	7.5	2.6										10.1	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////////////////////////////	
TOTALS	45.1	29.3	8.3	6.7	3.4	.8						100.0	6.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5											1.5	1.9	2.0
020-040	.9	.1										1.0	3.1	2.5
050-070	1.3	.4										1.7	2.8	2.0
(E) 080-100	2.7	1.3	.4	.1								4.5	4.7	4.0
110-130	2.6	1.8										4.3	4.1	4.0
140-160	1.9	.9	.6									3.4	5.3	4.0
(S) 170-190	4.7	1.9	3.4	2.2	.9	.5						13.7	10.0	10.0
200-220	7.2	3.3	3.2	2.4	1.0	.3						17.4	8.6	5.0
230-250	14.3	10.2	.6									25.2	4.4	4.0
(W) 260-280	11.0	4.1	.4									15.5	3.9	4.0
290-310	3.8	2.4	.1									6.4	4.4	4.0
320-340	2.0	.3										2.3	3.1	2.5
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	53.9	26.7	8.7	4.7	1.9	.8						100.0	5.6	4.0
TOTAL NUMBER OF OBSERVATIONS 783														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(DEGREES)											%	WIND	WIND	
(N) 350-010	3.6	1.2	.0									4.9	3.6	3.0
020-040	3.0	.6										3.6	3.2	3.0
050-070	3.0	1.2	.0									4.3	3.8	3.0
(E) 080-100	3.8	4.5	1.3	.4	.1							10.1	6.4	6.0
110-130	2.7	2.7	.9	.3	.0							6.6	6.1	5.0
140-160	2.2	.8	.4	.2	.1							3.6	5.4	3.0
(S) 170-190	2.8	1.2	2.0	2.3	1.5	.5	.0					10.4	12.0	13.0
200-220	3.4	2.0	1.7	1.9	.7	.2	.0					9.9	9.6	8.0
230-250	8.6	5.8	.6	.0								15.1	4.6	4.0
(W) 260-280	7.5	3.1	.1									10.8	3.9	4.0
290-310	5.5	3.8	.4	.0								9.7	4.5	4.0
320-340	4.1	2.1	.0									6.2	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////										4.9	////////////////////////////////		
TOTALS	50.2	29.0	7.4	5.1	2.4	.7						100.0	5.7	4.0

TOTAL NUMBER OF OBSERVATIONS 6893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.2										2.4	3.1	3.0
020-040	.9	.5										1.4	3.2	3.0
050-070	1.7	.7										2.4	3.4	3.0
(E) 080-100	1.4	2.1										3.5	4.7	5.0
110-130	.9	.7										1.7	4.6	4.0
140-160	.5	.2										.7	4.7	4.0
(S) 170-190	.9	.2										1.2	3.6	4.0
200-220	.5											.5	3.5	3.5
230-250	5.2	3.5										8.7	4.0	4.0
(W) 260-280	11.3	10.1	.2									21.7	4.7	4.0
290-310	11.8	17.2	3.5									32.5	5.6	5.0
320-340	6.8	7.1	.2									14.2	4.8	5.0
VARIABLE														
CALM	////////////////////											9.2	////////	
TOTALS	44.0	42.5	3.9									100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 424

C - 4 - 80

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.3	4.5	4.5
020-040	1.0	.1										1.1	3.3	3.0
050-070	2.3	.6										2.9	3.4	3.0
(E) 080-100	4.2	4.6	.9	1.0	.1							10.8	6.9	6.0
110-130	4.9	4.3	1.9	1.3	.3							12.6	7.1	6.0
140-160	3.7	1.0	.7	.1	.4							6.0	5.5	3.0
(S) 170-190	6.9	.6	.4	1.6	2.9	.9	.3					13.5	10.7	4.0
200-220	6.0	1.4	.7	1.0	.7	.3						10.2	7.0	4.0
230-250	10.9	7.2	.1									18.2	4.2	4.0
(W) 260-280	11.0	4.4										15.5	3.6	4.0
290-310	2.2	2.6	.3									5.0	5.3	5.0
320-340	1.4	.3	.1									1.9	4.1	3.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	54.6	27.2	5.1	5.0	4.4	1.2	.3					100.0	5.9	4.0
TOTAL NUMBER OF OBSERVATIONS 697														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	2.4	2.0
020-040	.7											.7	3.2	3.0
050-070	2.7	1.0	.3									4.0	4.4	3.0
(E) 080-100	4.5	3.4	1.2	.5	.5							10.3	7.0	5.0
110-130	5.2	4.7	2.6	2.1	.1							14.7	7.5	7.0
140-160	5.3	1.1	.4	.1	.3							7.3	4.7	3.0
(S) 170-190	8.4	.8	.3	2.1	1.4	1.1						14.0	8.8	3.0
200-220	5.3	.7	.1	.5	.5	.3	.1					7.7	6.6	3.0
230-250	13.2	3.3	.1									16.6	3.7	3.0
(W) 260-280	9.7	3.8										13.6	3.6	3.0
290-310	2.6	1.8	.3	.1								4.8	4.8	4.0
320-340	1.2	1.2										2.5	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	59.5	21.8	5.3	5.4	2.8	1.4	.1					100.0	5.5	4.0
TOTAL NUMBER OF OBSERVATIONS 729														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0											1.0	2.3	2.0
020-040	1.4											1.4	2.9	3.0
050-070	2.4	.7	.2									3.3	4.4	3.5
(E) 080-100	5.4	4.2	2.2	1.4	1.0							14.3	8.1	6.0
110-130	6.1	5.8	3.8	2.1	.1							17.9	7.6	7.0
140-160	4.0	.7	.1	.7	.4	.2						6.1	6.6	3.0
(S) 170-190	4.2	1.0	.4	1.2	.8	.8	.6					9.0	10.7	5.0
200-220	4.2	1.1	.4	.3	.6	.2	.1					7.0	7.3	4.0
230-250	7.0	2.9	.9									10.8	4.4	4.0
(W) 260-280	9.0	2.0	.1									11.1	3.5	3.0
290-310	4.8	2.6	.8									8.1	4.7	4.0
320-340	.9	.3	.1									1.3	3.8	2.5
VARIABLE														
CALM	////////////////////////////////////											8.6	////////////////////////////////	
TOTALS	50.4	21.3	9.0	5.7	2.9	1.2	.7					100.0	5.9	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.8										3.5	3.4	3.0
020-040	2.8	.2	.2									3.2	3.7	3.0
050-070	3.9	.6										4.5	3.0	3.0
(E) 080-100	5.7	9.0	4.3	3.7	.7	.1						23.5	8.9	8.0
110-130	3.0	5.2	5.6	2.9	.3	.3						17.4	10.1	10.0
140-160	1.0	.4	.7	.2	.2							2.6	8.7	8.0
(S) 170-190	1.1	.4	.3	.8	1.8	1.0	.9					6.3	18.4	21.0
200-220	1.1	.8	.6	.4	.4	.2	.1					3.7	11.6	9.0
230-250	2.7	2.0	.2									4.9	4.6	4.0
(W) 260-280	6.2	2.2	.1									8.6	4.1	3.0
290-310	4.5	4.8	1.2									10.5	5.5	5.0
320-340	3.6	1.6	.4									5.6	4.4	3.5
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	38.3	28.0	13.6	8.0	3.4	1.6	1.0					100.0	7.4	6.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	2.2										7.2	4.0	4.0
020-040	2.6	1.7										4.2	3.9	4.0
050-070	2.6	1.4	.1	.1								4.2	4.6	4.0
(E) 080-100	3.8	8.8	7.6	3.2	1.1	.4						24.9	10.0	9.0
110-130	3.2	4.3	2.7	2.1	.6							12.9	9.3	8.0
140-160	.4	.3	.3	.6	.1	.2						2.0	12.0	12.0
(S) 170-190	.6	.3	1.2	2.3	2.3	.7	.3	.6				8.3	18.9	19.0
200-220	.9	1.3	1.8	.7	.3	1.0	.1					6.1	13.4	12.0
230-250	1.0	1.7	.4									3.1	6.3	6.0
(W) 260-280	1.9	2.1	.2									4.2	5.3	5.0
290-310	3.1	6.5	1.1	.1								10.8	6.2	6.0
320-340	4.2	3.0	.3									7.6	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	29.3	33.6	15.7	9.1	4.4	2.3	.4	.6				100.0	8.4	7.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	1.8										5.8	4.0	4.0
020-040	4.1	1.2										5.3	3.6	3.0
050-070	3.0	1.4	.1									4.6	4.0	4.0
(E) 080-100	2.0	6.9	6.2	2.3	.6	.3						18.3	10.3	10.0
110-130	2.2	4.3	2.6	1.7	.4	.1						11.3	9.2	8.0
140-160	1.1	1.1	.6	.4		.1						3.3	7.6	5.5
(S) 170-190	.9	.9	2.8	2.9	1.2	.6	.3	.1				9.7	15.1	15.0
200-220	1.7	1.6	1.6	2.1	.8	.3	.1					8.1	12.0	11.0
230-250	2.1	2.0	.8									4.9	5.6	5.0
(W) 260-280	2.9	3.7	.2									6.8	4.9	5.0
290-310	4.3	5.8	1.6									11.7	5.6	5.0
320-340	4.1	3.0	.2									7.3	4.7	4.0
VARIABLE														
CALM	////////////////////											2.9	////////	
TOTALS	32.4	33.7	16.7	9.4	3.0	1.4	.4	.1				100.0	7.8	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.4										2.4	3.3	3.0
020-040	2.8	.1										2.9	2.8	3.0
050-070	2.6	.9										3.4	3.7	4.0
(E) 080-100	3.3	5.3	2.3	1.9	.4							13.3	8.7	7.0
110-130	3.4	5.4	2.4	.6	.3							12.2	7.3	7.0
140-160	1.3	.9	1.4	.2								3.9	7.4	6.0
(S) 170-190	1.8	2.6	2.0	2.0	1.2	.7	.4					10.7	12.8	12.5
200-220	1.6	2.9	1.3	1.2	.9	.1						8.0	10.3	7.0
230-250	4.3	3.6										7.9	4.6	4.0
(W) 260-280	6.9	4.1	.2									11.2	4.2	4.0
290-310	6.8	4.7	.9									12.3	4.9	4.0
320-340	3.3	1.1	.4									4.9	4.4	3.0
VARIABLE														
CALM	////////////////////////////////////											6.8	////////	
TOTALS	40.1	32.0	10.9	5.9	2.8	.8	.4					100.0	6.5	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	2.5	2.5
020-040	.8											.8	2.5	2.5
050-070	1.1	.6										1.7	4.2	4.0
(E) 080-100	1.9	2.8	2.2	.8	.4							8.1	9.0	8.0
110-130	4.0	3.7	1.7	.6	.4							10.3	7.2	6.0
140-160	3.4	2.2	.6		.1		.1					6.5	5.5	4.0
(S) 170-190	7.3	.8	1.2	1.4	1.7	1.0	.3					13.6	9.6	4.0
200-220	7.6	1.9	.6	.6	.8	.1						11.6	5.9	3.0
230-250	11.8	6.1	.3									18.2	4.0	4.0
(W) 260-280	9.6	5.4	.1									15.2	4.0	4.0
290-310	4.0	4.0	.8									8.8	4.9	5.0
320-340	1.7	.7										2.3	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	53.8	28.2	7.5	3.4	3.4	1.1	.4					100.0	5.8	4.0
TOTAL NUMBER OF OBSERVATIONS								726						

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.7										2.9	3.6	3.0
020-040	2.1	.5	.0									2.6	3.4	3.0
050-070	2.6	.9	.1	.0								3.6	3.9	4.0
(E) 080-100	3.9	5.8	3.5	2.0	.6	.1						15.9	9.0	8.0
110-130	4.0	4.8	3.0	1.7	.3	.1						13.8	8.3	7.0
140-160	2.4	.9	.6	.3	.2	.1	.0					4.6	6.6	4.0
(S) 170-190	3.6	.9	1.1	1.8	1.6	.8	.4	.1				10.4	12.6	13.0
200-220	3.3	1.5	.9	.9	.6	.3	.1					7.6	9.0	5.0
230-250	6.2	3.4	.4									10.0	4.3	4.0
(W) 260-280	6.9	3.4	.1									10.4	4.0	4.0
290-310	4.1	4.2	.9	.0								9.2	5.3	5.0
320-340	2.6	1.5	.2									4.3	4.4	4.0
VARIABLE														
ALM	////////////////////											4.7	////////	
TOTALS	43.8	28.5	10.8	6.7	3.3	1.4	.5	.1				100.0	6.7	5.0
TOTAL NUMBER OF OBSERVATIONS 6649														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.4										3.1	2.9	3.0
020-040	1.3											1.3	2.7	3.0
050-070	.9	.2										1.1	3.0	3.0
(E) 080-100	2.2	3.1	.2									5.5	5.2	5.0
110-130	1.1	1.5	.2									2.9	5.2	6.0
140-160	.4	.4										.9	3.3	3.0
(S) 170-190	1.5											1.5	2.0	2.0
200-220	1.1	.7										1.8	3.5	3.5
230-250	3.5	4.0										7.5	4.3	5.0
(W) 260-280	11.5	11.9	1.1									24.4	5.1	5.0
290-310	12.1	19.6	5.3	.2								37.2	6.0	6.0
320-340	5.5	4.4	.9									10.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////	
TOTALS	43.7	46.2	7.7	.2								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 454

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.3										1.6	2.8	3.0
020-040	1.6	.3										1.8	2.8	3.0
050-070	2.1	.3	.1									2.5	3.4	3.0
(E) 080-100	3.5	2.7	2.7	1.4	1.6	.7						12.6	10.6	10.0
110-130	3.8	3.7	4.4	2.8	1.3	.4						16.4	10.6	10.0
140-160	3.3	.6		.3		.1						4.2	4.7	3.0
(S) 170-190	5.0	.3	.1	.3	.7	.6	.4	.1				7.5	9.0	3.0
200-220	4.7	.3		.3	.4	.1						5.8	5.3	3.0
230-250	13.0	2.1										15.1	3.5	3.0
(W) 260-280	13.6	3.3	.1									17.0	3.4	3.0
290-310	5.1	5.7	.3									11.0	4.9	5.0
320-340	1.4		.1									1.6	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	58.4	19.6	7.8	5.1	4.0	1.9	.4	.1				100.0	6.1	4.0
TOTAL NUMBER OF OBSERVATIONS 707														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	1.6	1.5
020-040	.7	.1										.8	2.5	2.0
050-070	2.3	.4										2.7	2.9	2.0
(E) 080-100	4.7	3.7	2.4	1.8	2.3							14.9	10.0	9.0
110-130	3.5	2.7	5.8	2.7	1.8	.1	.1					16.9	11.4	11.0
140-160	2.5	.4	.1	.1	.1							3.4	4.3	2.0
(S) 170-190	3.3			.6	.8	1.0	.1	.1	.1			6.1	12.9	4.0
200-220	5.2	.1	.1	.3	.4		.1		.1			6.5	6.0	2.5
230-250	9.9	1.3										11.2	3.0	3.0
(W) 260-280	13.0	3.5		.1								16.7	3.4	3.0
290-310	5.9	4.8	.3									11.0	4.5	4.0
320-340	1.3	.4										1.7	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											6.9	////////	
TOTALS	53.4	17.4	8.7	5.6	5.4	1.1	.3	.1	.2			100.0	6.3	4.0
TOTAL NUMBER OF OBSERVATIONS 706														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.0	2.0
020-040	.5	.2										.8	3.0	2.0
050-070	1.7	.1										1.8	3.0	3.0
(E) 080-100	3.4	2.9	2.4	2.3	1.8		.1					12.9	11.0	11.0
110-130	3.8	3.7	5.5	4.9	2.6	.6						21.1	12.2	13.0
140-160	3.0	.3		.1	.1							3.6	3.5	3.0
(S) 170-190	4.1	.1	.1	1.0	1.0	.3	.1	.1				6.8	9.7	3.0
200-220	2.4	.4	.5	.2		.1	.4					4.1	8.5	4.0
230-250	8.1	2.5							.1			10.7	3.9	3.0
(W) 260-280	8.8	4.9										13.6	3.8	4.0
290-310	5.5	3.7	.2	.2								9.6	4.6	4.0
320-340	1.4	.2	.1									1.7	2.9	2.5
VARIABLE														
CALM	////////////////////////////////////											12.4	////////////////////////////////	
TOTALS	43.6	19.0	8.8	8.7	5.5	1.0	.6	.1	.1			100.0	6.6	5.0
TOTAL NUMBER OF OBSERVATIONS 925														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.5										1.8	3.1	2.0
020-040	1.1	.2										1.3	3.3	3.0
050-070	2.4	.4										2.8	3.0	3.0
(E) 080-100	5.1	5.9	3.9	2.6	2.4	.8						20.6	10.4	8.0
110-130	3.6	3.8	3.7	5.8	2.3	.8	.1					19.9	12.4	13.0
140-160	1.4	.3	.3	.2	.1	.1						2.5	7.6	4.0
(S) 170-190	1.2	.4		.8	.5	.4	.2	.1				3.7	14.7	17.0
200-220	2.4	.2	.2	.1	.2	.2						3.3	6.6	3.0
230-250	4.7	1.1	.1									5.9	3.6	4.0
(W) 260-280	10.8	4.7	.1									15.6	3.8	4.0
290-310	5.8	4.2	.2									10.2	4.3	4.0
320-340	1.4	.9										2.3	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////	
TOTALS	41.2	22.6	8.5	9.5	5.5	2.3	.3	.1				100.0	7.1	5.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.2										2.3	2.8	3.0
020-040	1.3	.1	.1									1.5	3.0	2.5
050-070	2.9	.9	.1									3.9	3.8	3.0
(E) 080-100	4.1	8.4	5.7	3.2	2.6	1.1						25.1	11.0	10.0
110-130	4.0	3.9	3.8	5.2	2.8	.6						20.2	12.2	13.0
140-160	.4	.2		.2	.3	.1						1.3	12.5	11.5
(S) 170-190	.3	.1		.6	1.4	.5	.2					3.2	20.2	21.0
200-220	.6	.6	.5	.2	.1		.3					2.5	11.8	9.0
230-250	1.5	.5	.1									2.2	3.8	3.0
(W) 260-280	6.5	3.6										10.0	4.2	4.0
290-310	7.2	7.1	.9									15.2	4.9	5.0
320-340	2.9	1.2										4.1	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											8.6	////////	
TOTALS	33.7	26.8	11.2	9.4	7.2	2.3	.5					100.0	8.0	6.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.6										3.3	3.2	3.0
020-040	1.7											1.7	2.3	2.0
050-070	2.3	.2										2.5	3.0	3.0
(E) 080-100	3.9	8.7	4.4	3.3	2.3	.5						23.1	10.5	8.0
110-130	2.0	5.3	5.7	3.7	1.9	.6						19.2	12.1	12.0
140-160	.6	.2	.3	.2	.1							1.5	8.4	7.0
(S) 170-190	.3	.1	.5	.8	1.1	.5						3.3	17.6	19.0
200-220	1.1	.5	.1	1.1	.5	.2	.1					3.7	12.6	15.0
230-250	2.7	1.2	.2	.1								4.2	4.6	4.0
(W) 260-280	6.8	5.7	.1									12.6	4.5	4.0
290-310	6.8	5.1	.2									12.0	4.3	4.0
320-340	2.7	1.2	.1									4.0	3.6	4.0
VARIABLE														
CALM	////////////////////											8.8	////////	
TOTALS	33.6	28.8	11.6	9.2	5.9	1.8	.1					100.0	7.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.2										1.3	2.3	1.5
020-040	.9	.1										1.0	2.9	2.0
050-070	1.8	.5	.1									2.5	3.7	4.0
(E) 080-100	3.2	5.5	2.5	2.8	1.1	.4	.1					15.6	10.3	8.0
110-130	4.1	5.6	3.6	4.3	2.5	.8	.1					20.9	11.6	11.0
140-160	1.5	.6	.6		.2							3.0	7.0	4.5
(S) 170-190	2.5	.4	.1	1.1	1.0	.1						5.2	10.5	5.5
200-220	2.0	.2	.4	.5	.4							3.7	8.0	4.0
230-250	6.8	2.7	.2									9.7	3.7	3.0
(W) 260-280	10.2	5.5	.1									15.8	4.0	4.0
290-310	5.0	5.6	.3									10.9	4.8	5.0
320-340	1.5	.4										1.9	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											8.5	////////////////////////////////	
TOTALS	40.6	27.3	7.9	8.7	5.2	1.3	.2					100.0	6.8	5.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	1.9	2.0
020-040	.6											.6	3.0	3.0
050-070	1.4	.5										1.9	3.5	3.0
(E) 080-100	2.4	3.8	4.4	2.4	1.0	.5						14.6	11.0	10.5
110-130	3.7	4.2	4.5	2.4	1.7	.4						16.9	10.6	10.0
140-160	2.2	.3	.3		.3							2.9	5.1	2.0
(S) 170-190	4.2	.1	.1	.8	1.0	.8	.1					7.2	10.1	3.0
200-220	5.2	.8	.3	.4	.4							7.0	4.9	3.0
230-250	10.9	2.2										13.1	3.3	3.0
(W) 260-280	13.6	5.8	.1									19.5	3.8	4.0
290-310	3.7	4.9										8.6	5.0	5.0
320-340	1.4	.4										1.8	3.3	2.5
VARIABLE														
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	50.6	23.0	9.7	6.0	4.	1.7	.1					100.0	6.4	4.0
TOTAL NUMBER OF OBSERVATIONS 781														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.2										1.7	2.7	2.0
020-040	1.1	.1	.0									1.2	2.8	3.0
050-070	2.1	.4	.0									2.6	3.3	3.0
(E) 080-100	3.8	5.4	3.6	2.5	1.9	.5	.0					17.7	10.6	9.0
110-130	3.6	4.2	4.6	4.1	2.2	.6	.0					19.1	11.8	12.0
140-160	1.8	.4	.2	.1	.2	.0						2.7	6.0	3.0
(S) 170-190	2.5	.2	.1	.7	1.0	.5	.1	.1	.0			5.2	12.2	7.5
200-220	2.8	.4	.3	.4	.3	.1	.1		.0			4.4	7.5	3.0
230-250	6.8	1.7	.1	.0					.0			8.6	3.6	3.0
(W) 260-280	10.1	4.7	.1	.0								14.9	3.9	4.0
290-310	5.7	5.1	.3	.0								11.1	4.6	4.0
320-340	1.8	.6	.0									2.4	3.5	3.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	43.6	23.4	9.3	7.8	5.6	1.7	.2	.1				100.0	6.9	5.0

TOTAL NUMBER OF OBSERVATIONS 6834

OPERATING LOCATION "A"
USAF AS 119 NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.4	.1										2.4	2.2	2.0
020-040	1.9											1.9	2.5	2.0
050-070	2.2	.2										2.4	3.0	3.0
(E) 080-100	3.3	2.5	.5									6.2	4.8	4.0
110-130	2.8	1.3	.1									4.2	3.8	3.0
140-160	.9											.9	2.7	3.0
(S) 170-190	.3	.1										.4	3.3	2.5
200-220	1.4	.2										1.6	2.8	3.0
230-250	6.1	1.3										7.4	3.2	3.0
(W) 260-280	17.2	10.6	.1									27.8	4.2	4.0
290-310	12.8	13.4	.8									27.0	4.8	5.0
320-340	3.3	1.4										4.6	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////	
TOTALS	54.6	31.1	1.5									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 1106

C - 4 - 100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3											2.3	2.1	2.0
020-040	.6											.6	1.8	1.0
050-070	1.0	.1										1.1	2.3	2.0
(E) 080-100	5.5	2.1	5.5	4.1	2.1	1.8	.8	.3	.1			22.5	13.3	13.0
110-130	3.7	3.0	5.2	6.5	3.5	1.6	.3					23.8	13.8	14.5
140-160	3.3	.3										3.5	2.1	1.0
(S) 170-190	5.4			.1								5.5	2.6	2.0
200-220	4.5	.1										4.7	2.0	2.0
230-250	10.8	.6										11.3	2.5	2.0
(W) 260-280	9.5	2.8										12.3	3.3	3.0
290-310	5.0	1.0	.1									6.1	3.0	2.0
320-340	3.3											3.3	2.0	2.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	54.9	10.0	10.8	10.7	5.6	3.4	1.1	.3	.1			100.0	7.6	4.0
TOTAL NUMBER OF OBSERVATIONS 706														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	1.4	1.0
020-040	.7											.7	1.0	1.0
050-070	1.3	.4	.1									1.9	3.7	3.0
(E) 080-100	3.1	2.1	5.3	4.4	2.8	1.5	.7	.3				20.2	14.5	14.0
110-130	4.7	2.4	4.1	7.4	4.9	1.3	.1					24.9	14.0	15.0
140-160	3.7	.4										4.1	2.4	2.0
(S) 170-190	5.5	.1		.3	.1							6.0	3.4	2.0
200-220	5.6	.1										5.8	2.2	2.0
230-250	9.1	1.0										10.2	2.7	2.0
(W) 260-280	10.9	2.8										13.7	3.4	3.0
290-310	4.3	.9										5.2	3.1	3.0
320-340	2.2											2.2	1.6	1.0
VARIABLE														
CALM	////////////////////											4.3	////////	
TOTALS	51.8	10.2	9.5	12.1	7.8	2.8	.8	.3				100.0	7.9	4.0
TOTAL NUMBER OF OBSERVATIONS 678														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.0	1.5
020-040	.6	.2	.1									.9	3.1	1.0
050-070	1.7	.1										1.8	2.9	2.5
(E) 080-100	3.0	2.1	2.7	5.3	4.4	2.0	1.1	.3				21.1	16.3	17.0
110-130	3.5	2.6	4.6	7.3	5.5	.9	.5	.1				25.0	15.0	16.0
140-160	3.7	.3										4.1	2.5	2.0
(S) 170-190	4.8	.3										5.2	2.7	3.0
200-220	3.4	.3	.1	.2								4.1	3.5	2.0
230-250	6.1	.6										6.7	2.7	3.0
(W) 260-280	10.9	3.9	.1									15.0	3.6	3.0
290-310	3.9	.8										4.7	2.9	2.0
320-340	1.1		.1									1.2	2.5	1.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	43.2	11.2	7.7	12.8	9.9	2.9	1.6	.4				100.0	8.5	5.0
TOTAL NUMBER OF OBSERVATIONS 887														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6											.6	2.2	2.0
020-040	1.2	.1										1.3	2.2	2.0
050-070	1.8	.2										2.0	2.8	2.0
(E) 080-100	4.2	2.4	2.3	6.8	4.6	1.4	1.1	.3				23.3	15.4	17.0
110-130	3.5	2.2	4.3	6.7	5.7	1.8	.8					24.9	15.6	17.0
140-160	2.1	.1	.1									2.3	2.8	2.0
(S) 170-190	4.5	.1					.1					4.7	3.1	2.0
200-220	2.7	.1										2.8	2.4	2.0
230-250	7.3	.7										8.0	2.7	3.0
(W) 260-280	7.3	3.6										10.9	3.8	4.0
290-310	4.7	1.8										6.5	3.5	3.0
320-340	1.2	.1										1.3	1.9	1.0
VARIABLE														
CALM	////////////////////////////////////										11.4	////////////////////////////////		
TOTALS	41.1	11.4	6.7	13.5	10.3	3.2	2.0	.3				100.0	8.7	5.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.1										1.6	2.1	2.0
020-040	2.6	.3	.1									3.0	2.4	2.0
050-070	3.3	.2			.1							3.7	2.8	2.0
(E) 080-100	5.1	3.0	3.1	5.8	4.6	2.6	.7	.3				25.2	14.6	15.0
110-130	2.9	2.3	5.2	7.0	5.9	3.0	.3	.1				26.9	15.8	16.0
140-160	.9	.1										1.0	3.0	3.0
(S) 170-190	.2		.1		.3							.7	12.7	15.5
200-220	1.6	.1										1.7	2.1	2.0
230-250	4.6	1.1										5.7	3.1	3.0
(W) 260-280	5.9	2.6										8.5	3.8	3.0
290-310	5.0	3.1										8.1	3.7	3.0
320-340	1.7	.1										1.8	2.4	2.5
VARIABLE														
CALM	////////////////////////////////////											12.2	////////////////////////////////	
TOTALS	35.3	13.0	8.5	12.8	10.9	5.6	1.0	.4				100.0	9.1	7.0
TOTAL NUMBER OF OBSERVATIONS 896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7											1.7	2.0	2.0
020-040	1.2											1.2	2.0	2.0
050-070	2.6	.1	.1									2.8	2.6	2.0
(E) 080-100	4.9	2.2	2.8	6.9	4.0	1.7	.8					23.4	14.5	16.0
110-130	2.8	3.7	6.2	9.0	6.4	1.0	.3	.2				29.6	14.9	15.5
140-160	1.3	.6	.1	.2								2.2	5.2	3.5
(S) 170-190	1.1			.1								1.2	3.3	2.0
200-220	1.2											1.2	2.5	3.0
230-250	4.5	1.1										5.6	2.9	2.0
(W) 260-280	8.5	2.6	.1									11.2	3.4	3.0
290-310	4.1	1.5	.4									6.0	4.0	3.0
320-340	1.9											1.9	1.8	2.0
VARIABLE														
CALM	////////////////////											11.9	////////	
TOTALS	35.8	11.8	9.7	16.2	10.4	2.7	1.1	.2				100.0	8.9	7.0
TOTAL NUMBER OF OBSERVATIONS 893														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	1.7	2.0
020-040	1.4											1.4	2.2	2.0
050-070	1.3	.2										1.6	2.9	2.5
(E) 080-100	3.7	2.4	4.9	6.0	4.3	1.3	.3	.3				23.4	14.6	15.0
110-130	3.2	4.5	5.2	8.0	6.2	1.4	.4	.1				29.2	14.6	15.0
140-160	2.3	.2										2.6	2.0	2.0
(S) 170-190	3.7	.1			.1							3.9	2.9	2.0
200-220	3.1	.1		.2								3.5	3.3	2.0
230-250	6.5	1.3										7.8	3.0	2.0
(W) 260-280	8.7	2.6										11.2	3.7	3.0
290-310	3.8	1.0	.1									4.9	3.8	3.0
320-340	.6	.1										.7	2.3	1.5
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	39.0	12.5	10.2	14.2	10.6	2.7	.7	.4			100.0	8.9	6.00	
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	2.2	2.0
020-040	.4											.4	1.3	1.0
050-070	2.0	.3	.1									2.4	2.8	2.0
(E) 080-100	4.3	2.5	6.1	4.5	4.3	.8	.3	.4				23.1	13.7	14.0
110-130	4.9	3.5	4.4	6.1	5.6	1.1	.4					26.1	13.6	15.0
140-160	2.4			.1								2.5	2.7	2.0
(S) 170-190	5.3		.3	.1	.1							5.8	3.3	2.0
200-220	4.3	.1										4.4	2.2	2.0
230-250	8.0	1.6										9.6	2.9	3.0
(W) 260-280	8.6	2.4										11.0	3.5	3.0
290-310	5.5	.8										6.3	2.8	2.5
320-340	1.9	.1										2.0	1.9	1.0
VARIABLE														
CALM	////////////////////////////////////											5.3	////////////////////////////////	
TOTALS	48.9	11.3	10.9	10.8	10.0	1.9	.7	.4				100.0	8.0	4.0
TOTAL NUMBER OF OBSERVATIONS 798														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.0										1.1	2.0	2.0
020-040	1.1	.1	.0									1.2	2.2	2.0
050-070	1.9	.2	.0		.0							2.2	2.8	2.0
(E) 080-100	4.2	2.4	4.0	5.6	4.0	1.7	.7	.3	.0			22.9	14.6	15.0
110-130	3.6	3.0	4.9	7.3	5.5	1.5	.4	.1				26.4	14.7	16.0
140-160	2.4	.3	.0	.0								2.7	2.7	2.0
(S) 170-190	3.7	.1	.0	.1	.1		.0					4.0	3.2	2.0
200-220	3.2	.1	.0	.1								3.4	2.6	2.0
230-250	6.9	1.0										7.9	2.8	3.0
(W) 260-280	8.7	2.9	.0									11.7	3.6	3.0
290-310	4.5	1.4	.1									6.0	3.4	3.0
320-340	1.7	.1	.0									1.7	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											8.7	////////	
TOTALS	43.0	11.6	9.0	13.1	9.6	3.2	1.1	.4				100.0	8.5	5.0
TOTAL NUMBER OF OBSERVATIONS 6654														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(DEGREES)												%	WIND	WIND
(N) 350-010	.9											.9	2.0	2.0
020-040	2.8	.2										3.0	1.9	2.0
050-070	4.7											4.7	2.4	2.0
(E) 080-100	6.4	2.1	.4	.4	.2							9.4	4.7	4.0
110-130	2.3	.6		.4	.2							3.4	5.6	3.0
140-160	1.1											1.1	2.2	2.5
(S) 170-190	1.5											1.5	2.0	2.0
200-220	1.3											1.3	1.9	2.0
230-250	6.0	2.6										8.7	3.5	3.0
(W) 260-280	20.0	9.4	.4									29.8	4.0	3.0
290-310	12.6	6.2	.6									19.4	3.9	3.0
320-340	2.5	.2										2.6	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	62.1	21.3	1.4	.8	.4							100.0	3.2	3.0

TOTAL NUMBER OF OBSERVATIONS 530

C - 4 - 110

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	2.0	1.5
020-040	1.1	.4										1.5	3.1	2.0
050-070	1.4	.1	.1									1.7	3.6	2.5
(E) 080-100	5.3	2.4	4.1	6.2	4.1	1.5	.4	.1				24.1	13.5	15.0
110-130	5.0	5.7	6.3	11.1	6.7	1.8	.3					37.0	14.0	15.0
140-160	4.3	.3	.3			.3						5.2	4.0	2.0
(S) 170-190	3.4	.1	.1	.7	.6	.6		.3				5.7	10.3	3.0
200-220	1.8		.3		.4	.1		.1				2.8	8.8	2.0
230-250	3.9	1.1										5.0	2.9	3.0
(W) 260-280	4.2	2.5										6.7	3.9	4.0
290-310	2.4	.7										3.1	3.5	3.0
320-340	.8	.1										1.0	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	34.7	13.4	11.2	18.0	11.8	4.3	.7	.5				100.0	10.2	9.0
TOTAL NUMBER OF OBSERVATIONS 714														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2											1.2	1.6	2.0
020-040	1.0	.1										1.2	2.5	2.0
050-070	1.3	.3	.3	.1								2.0	5.0	3.0
(E) 080-100	4.4	3.5	2.9	6.1	2.5	2.9	.6					22.9	14.1	16.0
110-130	5.1	4.9	5.8	9.3	8.0	1.9	.7					35.8	14.6	16.0
140-160	3.6	.9	.1	.1	.1	.1						5.1	4.8	2.0
(S) 170-190	3.5		.3	.1	.9	.6		.1				5.5	9.5	3.0
200-220	2.9	.1	.6		.3		.3	.1				4.4	8.3	3.0
230-250	4.5	1.5										6.0	3.0	2.0
(W) 260-280	4.1	1.9										6.0	3.7	3.0
290-310	2.2	1.0										3.2	3.4	2.5
320-340	.9	.1										1.0	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	34.7	14.3	10.0	15.7	11.8	5.5	1.6	.2				100.0	10.3	9.0
TOTAL NUMBER OF OBSERVATIONS 687														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5		.1									.7	3.8	3.0
020-040	.7	.1										.8	2.4	2.0
050-070	1.7	.2										2.0	2.8	3.0
(E) 080-100	2.8	6.0	4.4	5.6	3.9	1.6	.3	.2	.1			25.0	13.7	14.0
110-130	5.0	5.1	6.3	9.3	7.4	1.6	.8					35.4	14.4	15.0
140-160	3.0	.7	.2									3.9	3.3	2.5
(S) 170-190	2.9	.3		.8	.5	.2						4.8	8.3	3.0
200-220	1.3	.1		.4	.2	.4	.5					3.0	14.4	15.0
230-250	3.0	1.2	.1									4.3	3.6	3.0
(W) 260-280	6.1	2.1										8.1	3.7	3.0
290-310	1.6	1.3	.1									3.0	4.5	3.5
320-340	.7	.2	.1									1.0	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											8.0	////////	
TOTALS	29.3	17.3	11.3	16.1	12.0	3.8	1.6	.2	.1			100.0	10.2	9.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.1										.9	2.4	1.5
020-040	.3											.3	2.3	2.0
050-070	1.1	.4	.1									1.6	3.8	3.0
(E) 080-100	5.2	5.2	4.6	4.5	4.3	1.4	.5					25.7	12.6	12.0
110-130	4.5	4.2	5.5	10.6	8.8	2.0	.5	.2				36.5	15.2	16.0
140-160	2.6	.3	.1	.1	.2	.1	.1					3.5	6.3	3.0
(S) 170-190	2.9		.1	1.0	.4	.3	.1					4.8	9.5	3.0
200-220	1.1	.2		.1	.1	.4	.2					2.2	11.7	4.0
230-250	3.5	.4	.1									4.1	3.2	3.0
(W) 260-280	3.1	3.0										6.1	4.4	4.0
290-310	1.6	1.4										3.0	4.5	4.0
320-340	.5	.5										1.1	3.5	4.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////////////////////////////	
TOTALS	27.2	15.7	10.5	16.3	13.8	4.2	1.4	.2				100.0	10.4	10.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	2.8	3.0
020-040	.2	.3										.5	4.8	5.0
050-070	1.5	.4										1.9	3.3	3.0
(E) 080-100	5.8	3.3	3.6	6.0	3.4	1.6	.5					24.4	13.1	14.0
110-130	4.8	4.6	8.2	11.5	6.1	2.9	.6	.1				39.0	14.7	15.0
140-160	1.5	.2	.2		.1	.2						2.3	6.3	2.0
(S) 170-190	1.3		.4	.5	.5	.3	.2					3.3	13.8	14.0
200-220	1.1	.1		.4	.2	.2						2.0	10.3	3.0
230-250	3.2	.2										3.4	2.5	3.0
(W) 260-280	4.4	2.8	.2									7.4	4.2	4.0
290-310	2.4	1.4	.3									4.1	4.8	4.0
320-340	.3		.1									.4	4.0	2.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	27.8	13.3	13.0	18.4	10.3	5.2	1.3	.1				100.0	10.5	11.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	1.8	1.0
020-040	.8											.8	1.4	1.0
050-070	1.2	.4										1.6	4.0	4.0
(E) 080-100	4.9	4.0	4.1	5.8	5.1	1.7	.5	.2				26.3	13.9	15.0
110-130	3.8	5.8	6.4	10.0	7.5	2.5	.2	.1				36.3	14.7	16.0
140-160	2.2	.4	.1	.3	.2							3.2	6.0	3.0
(S) 170-190	2.7	.5	.3	.6	1.5	.5						6.3	11.5	7.0
200-220	2.1	.3	.3	.3	.1	.1	.3					3.6	8.5	4.0
230-250	2.1	.8										2.8	3.5	3.5
(W) 260-280	4.2	2.4	.1									6.7	4.1	4.0
290-310	1.8	1.1	.2									3.1	4.7	4.0
320-340	.3	.2										.5	4.2	4.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	26.5	15.9	11.5	17.0	14.4	4.8	1.0	.3				100.0	10.9	11.0
TOTAL NUMBER OF OBSERVATIONS 926														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	1.6	1.0
020-040	.4	.1										.5	4.4	4.0
050-070	1.5	.2	.2									2.0	3.4	2.0
(E) 080-100	4.2	3.6	2.7	6.3	4.3	2.5	.4					24.1	14.6	15.5
110-130	4.1	5.4	8.2	11.1	5.5	2.1	1.1					37.5	14.5	15.0
140-160	2.6	.7		.1	.2	.1						3.7	5.1	2.0
(S) 170-190	3.4	.1	.1	.4	.8	1.0	.4					6.2	12.1	4.0
200-220	1.4	.1	.2	.4	.2	.1		.1				2.6	9.6	3.5
230-250	2.4	1.5										3.9	3.7	4.0
(W) 260-280	4.6	2.7										7.3	4.2	4.0
290-310	1.5	.9	.5									2.9	5.3	4.0
320-340	1.4											1.4	2.4	3.0
VARIABLE														
CALM	////////////////////////////////////											7.4	////////////////////////////////	
TOTALS	28.0	15.3	11.9	18.3	11.0	5.8	1.9	.1				100.0	10.9	11.0
TOTAL NUMBER OF OBSERVATIONS 922														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.5	2.5
020-040	.6											.6	1.8	2.0
050-070	1.5	.5	.1	.1								2.2	4.0	2.0
(E) 080-100	3.8	4.2	3.6	6.8	3.7	1.1	.5	.2	.1			24.1	13.9	15.0
110-130	4.7	5.2	6.6	10.5	8.2	2.2	.4	.4				38.1	14.8	16.0
140-160	2.7	.1		.1								3.0	2.6	2.0
(S) 170-190	3.5	.4	.1	.5	1.1	.9	.2					6.7	11.3	4.0
200-220	1.5	.1	.2	.2	.1	.2	.2					2.7	10.6	3.5
230-250	3.8	.7										4.6	3.0	3.0
(W) 260-280	4.8	2.8										7.7	3.9	4.0
290-310	1.5	.9		.1								2.5	4.5	4.0
320-340	.5	.2										.7	3.0	3.0
VARIABLE														
CALM	////////////////////											6.8	////////	
TOTALS	29.1	15.1	10.6	18.3	13.1	4.4	1.3	.6	.1			100.0	10.8	11.0
TOTAL NUMBER OF OBSERVATIONS 808														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.0	.0									.8	2.3	2.0
020-040	.6	.1										.7	2.8	2.0
050-070	1.4	.3	.1	.0								1.9	3.7	3.0
(E) 080-100	4.5	4.1	3.8	5.9	4.0	1.8	.5	.1	.0			24.7	13.7	14.0
110-130	4.6	5.1	6.7	10.5	7.3	2.1	.6	.1				37.0	14.6	15.0
140-160	2.7	.4	.1	.1	.1	.1	.0					3.7	4.8	2.0
(S) 170-190	2.9	.2	.2	.6	.8	.5	.1	.0				5.4	10.8	3.5
200-220	1.6	.1	.2	.3	.2	.2	.2	.0				2.9	10.2	3.0
230-250	3.2	.9	.0									4.2	3.2	3.0
(W) 260-280	4.4	2.5	.0									7.0	4.0	4.0
290-310	1.9	1.1	.2	.0								3.1	4.4	4.0
320-340	.7	.2	.0									.9	3.1	3.0
VARIABLE														
CALM	////////////////////											7.8	////////	
TOTALS	29.2	15.0	11.3	17.4	12.4	4.7	1.4	.2				100.0	10.5	10.0

TOTAL NUMBER OF OBSERVATIONS 6838

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8		.3									1.1	3.5	1.0
020-040	1.4											1.4	2.0	2.0
050-070	2.7	1.1										3.8	2.9	2.0
(E) 080-100	8.0	8.2	.3		.3	.3						17.0	5.3	5.0
110-130	7.1	4.4	.8			.8	.5					13.7	7.0	4.0
140-160	1.6	.5										2.2	3.3	2.0
(S) 170-190	2.7											2.7	1.8	2.0
200-220	1.9											1.9	1.7	1.0
230-250	6.6	.5										7.1	3.0	3.0
(W) 260-280	15.9	11.5	.5									28.0	4.3	4.0
290-310	3.8	3.6	.8	.3								8.5	5.7	5.0
320-340	1.6	.5										2.2	2.4	1.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	54.1	30.3	2.7	.3	.3	1.1	.5					100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 364

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.8	.0									2.8	3.7	3.0
020-040	1.5	.4	.0	.0								1.9	3.4	3.0
050-070	2.0	.8	.1	.0	.0							2.9	4.0	3.0
(E) 080-100	3.4	4.2	3.2	2.8	1.7	.7	.3	.1	.0			16.4	11.7	10.0
110-130	2.9	3.3	3.5	3.9	2.5	.8	.2	.0				17.0	12.9	13.0
140-160	2.0	.6	.3	.2	.1	.0	.0	.0				3.1	5.3	3.0
(S) 170-190	2.9	.7	.9	1.3	1.0	.5	.1	.0	.0			7.4	11.3	10.0
200-220	2.6	1.3	.9	.9	.5	.2	.1	.0	.0			6.6	9.1	6.0
230-250	6.4	4.9	.5	.0					.0			11.9	4.7	4.0
(W) 260-280	6.7	3.9	.2	.0	.0							10.8	4.2	4.0
290-310	3.8	3.5	.4	.0	.0							7.7	4.9	5.0
320-340	2.2	1.2	.1	.0								3.4	4.1	4.0
VARIABLE														
CALM	////////////////////											8.0	////////	
TOTALS	38.4	25.6	10.1	9.1	5.8	2.2	.7	.1				100.0	7.6	5.0

TOTAL NUMBER OF OBSERVATIONS: 81149

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.5	.0									2.6	3.2	3.0
020-040	1.7	.2										1.9	2.7	3.0
050-070	1.8	.4										2.2	3.0	3.0
(E) 080-100	3.2	2.8	.4	.1	.1	.0						6.6	5.3	5.0
110-130	2.1	1.4	.3	.1	.1	.1	.0					4.1	6.1	4.0
140-160	1.1	.2	.0									1.3	3.3	3.0
(S) 170-190	1.1	.1	.0	.0		.0						1.3	3.5	2.0
200-220	1.3	.4	.0	.0	.1							1.9	4.2	3.0
230-250	5.7	3.5	.3									9.5	4.3	4.0
(W) 260-280	12.9	10.0	.6	.1								23.5	4.6	4.0
290-310	10.1	13.4	2.1	.2								25.7	5.5	5.0
320-340	3.8	2.9	.2									6.9	4.5	4.0
VARIABLE														
CALM	////////////////////											12.3	////////	
TOTALS	47.0	35.8	3.9	.5	.3	.1						100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS: 4770

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDD
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPP	AA AA	RRRRRRR	TT	DD DD
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

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OPERATING LOCATION "A"
USAFETAC, AHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	57.4	57.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	58.3	58.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	60.9	60.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000	64.3	64.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	66.1	66.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	73.0	73.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	74.8	74.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	82.6	82.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	84.3	84.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	85.2	85.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 5000	85.2	85.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	87.0	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4000	87.0	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	87.0	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	89.6	89.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	90.4	90.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	92.2	92.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	92.2	92.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	92.2	92.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	92.2	92.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	92.2	92.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.2	92.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 115

D - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.0	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	60.7	60.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	60.7	60.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	64.5	64.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	64.5	64.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	66.4	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	75.7	75.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	77.6	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	86.0	86.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 7000	86.9	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 6000	86.9	86.9	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 5000	86.9	86.9	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4500	86.9	86.9	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4000	87.9	87.9	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	89.7	89.7	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	94.4	94.4	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.3	95.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 107

D - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	52.4	54.0	54.3	55.7	55.8	56.6	56.6	56.6	57.2	58.2	58.3	58.7	58.7	58.9	59.1
GE 20000	52.5	52.8	54.3	54.7	56.0	56.2	57.0	57.0	57.0	57.6	58.6	58.7	59.1	59.1	59.3	59.4
GE 18000	54.7	55.0	56.5	56.9	58.2	58.3	59.2	59.2	59.2	59.8	60.7	60.9	61.2	61.2	61.5	61.6
GE 16000	56.3	56.5	58.1	58.5	59.8	59.9	60.7	60.7	60.7	61.4	62.3	62.4	62.8	62.8	63.0	63.2
GE 14000	56.6	56.9	58.5	58.8	60.1	60.3	61.1	61.1	61.1	61.7	62.7	62.8	63.2	63.2	63.4	63.5
GE 12000	58.7	58.9	60.5	60.9	62.2	62.3	63.2	63.2	63.2	63.8	64.7	64.9	65.2	65.2	65.5	65.6
GE 10000	64.5	64.7	66.3	66.7	68.0	68.1	69.0	69.0	69.0	69.7	70.7	70.8	71.1	71.1	71.4	71.5
GE 9000	66.1	66.3	67.9	68.2	69.6	69.7	70.5	70.5	70.5	71.3	72.2	72.3	72.7	72.7	72.9	73.1
GE 8000	71.4	71.6	73.2	73.6	74.9	75.0	75.8	75.8	75.8	76.6	77.5	77.7	78.0	78.0	78.3	78.4
GE 7000	73.6	73.9	75.5	75.8	77.2	77.3	78.1	78.1	78.1	78.9	79.8	80.0	80.3	80.3	80.6	80.7
GE 6000	76.0	76.3	77.9	78.3	79.6	79.7	80.6	80.6	80.6	81.3	82.2	82.4	82.7	82.7	83.0	83.1
GE 5000	78.7	79.3	80.9	81.5	83.2	83.3	84.2	84.2	84.2	84.9	85.9	86.0	86.4	86.4	86.6	86.7
GE 4500	78.7	79.3	80.9	81.5	83.2	83.3	84.2	84.2	84.2	84.9	85.9	86.0	86.4	86.4	86.6	86.7
GE 4000	79.8	80.4	82.0	83.1	84.9	85.0	85.9	86.2	86.2	87.0	87.9	88.0	88.4	88.4	88.6	88.8
GE 3500	80.2	80.8	82.4	83.5	85.3	85.4	86.2	86.6	86.6	87.3	88.3	88.4	88.8	88.8	89.0	89.1
GE 3000	81.3	82.0	83.6	84.8	86.7	87.0	87.8	88.2	88.2	88.9	89.9	90.0	90.3	90.3	90.6	90.7
GE 2500	82.5	83.2	85.0	86.2	88.3	88.6	89.5	89.9	89.9	90.6	91.5	91.7	92.0	92.0	92.3	92.4
GE 2000	83.2	83.9	85.9	87.1	89.3	89.6	90.7	91.3	91.3	92.1	93.1	93.2	93.6	93.6	93.8	94.0
GE 1800	83.3	84.1	86.0	87.2	89.7	90.1	91.2	91.8	91.8	92.6	93.6	93.7	94.1	94.1	94.3	94.4
GE 1500	84.2	85.1	87.2	88.4	91.2	91.5	92.6	93.4	93.4	94.3	95.3	95.4	95.8	95.8	96.0	96.1
GE 1200	84.7	85.7	87.8	89.0	91.9	92.3	93.4	94.1	94.1	95.2	96.1	96.3	96.6	96.6	96.9	97.0
GE 1000	84.7	85.7	87.8	89.0	92.0	92.4	93.7	94.4	94.4	95.7	96.6	96.7	97.1	97.1	97.3	97.5
GE 900	84.8	85.9	87.9	89.4	92.4	92.9	94.3	95.0	95.0	96.3	97.2	97.3	97.7	97.7	97.9	98.1
GE 800	85.3	86.4	88.4	89.9	92.9	93.4	94.9	95.7	95.7	96.9	97.8	97.9	98.3	98.3	98.6	98.7
GE 700	85.5	86.6	89.0	90.5	93.5	94.0	95.5	96.3	96.3	97.5	98.4	98.6	98.9	98.9	99.2	99.3
GE 600	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.5	96.5	97.8	98.8	98.9	99.3	99.3	99.5	99.6
GE 500	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.6	96.6	97.9	98.9	99.0	99.4	99.4	99.6	99.8
GE 400	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.6	96.6	97.9	98.9	99.0	99.4	99.4	99.6	99.8
GE 300	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.6	96.7	98.1	99.0	99.2	99.5	99.5	99.8	99.9
GE 200	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.6	96.9	98.2	99.2	99.3	99.6	99.6	99.9	100.0
GE 100	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.6	96.9	98.2	99.2	99.3	99.6	99.6	99.9	100.0
GE 000	85.7	86.8	89.3	90.7	93.7	94.2	95.8	96.6	96.9	98.2	99.2	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 828

D - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	43.6	44.1	44.2	44.4	44.4	44.6	44.8	44.8	45.8	46.0	46.1	47.2	47.6	48.9	49.3
GE 20000	44.5	44.8	45.3	45.4	45.6	45.6	45.8	46.0	46.0	47.0	47.2	47.3	48.4	48.7	50.1	50.5
GE 18000	46.8	47.1	47.6	47.7	47.9	47.9	48.1	48.3	48.3	49.3	49.5	49.6	50.7	51.0	52.3	52.8
GE 16000	48.5	48.9	49.3	49.4	49.6	49.6	49.8	50.1	50.1	51.0	51.3	51.4	52.4	52.8	54.1	54.5
GE 14000	49.3	49.6	50.1	50.2	50.4	50.4	50.6	50.8	50.8	51.8	52.0	52.1	53.2	53.5	54.8	55.3
GE 12000	52.1	52.4	52.9	53.0	53.2	53.2	53.4	53.6	53.6	54.6	54.8	55.0	56.0	56.4	57.7	58.1
GE 10000	60.7	61.0	61.5	61.6	61.9	61.9	62.2	62.6	62.6	63.5	63.8	63.9	65.0	65.3	66.6	67.0
GE 9000	64.3	64.6	65.1	65.2	65.5	65.5	65.8	66.2	66.2	67.1	67.4	67.5	68.6	68.9	70.2	70.6
GE 8000	68.3	68.8	69.3	69.4	69.9	69.9	70.2	70.5	70.5	71.6	71.8	71.9	73.0	73.3	74.6	75.1
GE 7000	70.7	71.2	71.7	71.8	72.4	72.5	72.8	73.1	73.1	74.2	74.4	74.5	75.6	76.0	77.3	77.7
GE 6000	73.7	74.1	74.6	74.8	75.3	75.5	75.8	76.2	76.3	77.4	77.6	77.7	78.8	79.1	80.4	80.8
GE 5000	75.8	76.4	77.0	77.1	77.9	78.2	78.6	79.0	79.1	80.2	80.4	80.5	81.6	81.9	83.2	83.7
GE 4500	76.6	77.1	77.8	77.9	78.7	79.0	79.3	79.8	79.9	81.0	81.2	81.3	82.4	82.7	84.0	84.4
GE 4000	78.0	78.6	79.2	79.4	80.2	80.5	80.8	81.5	81.8	83.0	83.2	83.4	84.4	84.8	86.1	86.5
GE 3500	78.5	79.0	79.7	79.9	80.6	81.0	81.4	82.0	82.4	83.6	83.8	83.9	85.0	85.3	86.6	87.1
GE 3000	80.0	80.5	81.3	81.6	82.7	83.1	83.6	84.7	85.0	86.2	86.4	86.5	87.6	87.9	89.2	89.7
GE 2500	80.8	81.4	82.4	82.8	84.0	84.4	84.9	86.0	86.3	87.5	87.7	87.8	88.9	89.2	90.5	91.0
GE 2000	82.2	82.7	83.9	84.4	85.6	86.1	86.6	87.9	88.2	89.6	89.8	89.9	91.0	91.3	92.6	93.0
GE 1800	82.2	82.7	83.9	84.4	85.7	86.2	86.7	88.1	88.5	89.8	90.1	90.2	91.3	91.6	92.9	93.4
GE 1500	82.3	82.8	84.3	85.0	86.4	86.9	87.5	88.9	89.2	90.9	91.3	91.4	92.5	92.8	94.1	94.6
GE 1200	83.0	83.6	85.1	85.7	87.2	87.7	88.2	89.8	90.1	91.8	92.5	92.6	93.7	94.0	95.3	95.8
GE 1000	83.6	84.1	85.7	86.5	88.0	88.6	89.4	91.2	91.6	93.4	94.2	94.3	95.6	96.0	97.3	97.7
GE 900	83.7	84.2	86.0	86.8	88.4	89.0	89.9	91.7	92.2	93.9	94.9	95.0	96.3	96.6	97.9	98.4
GE 800	84.0	84.5	86.3	87.2	88.7	89.4	90.3	92.2	92.6	94.6	95.5	95.6	97.1	97.4	98.7	99.1
GE 700	84.1	84.7	86.4	87.3	88.8	89.8	90.6	92.5	92.9	94.9	95.9	96.0	97.4	97.7	99.0	99.5
GE 600	84.1	84.7	86.4	87.3	88.9	89.9	90.8	92.6	93.0	95.0	96.0	96.1	97.6	97.9	99.2	99.7
GE 500	84.1	84.8	86.5	87.5	89.1	90.1	91.0	92.8	93.3	95.3	96.3	96.4	97.9	98.3	99.6	100.0
GE 400	84.1	84.8	86.5	87.5	89.1	90.1	91.0	92.8	93.3	95.3	96.3	96.4	97.9	98.3	99.6	100.0
GE 300	84.1	84.8	86.5	87.5	89.1	90.1	91.0	92.8	93.3	95.3	96.3	96.4	97.9	98.3	99.6	100.0
GE 200	84.1	84.8	86.5	87.5	89.1	90.1	91.0	92.8	93.3	95.3	96.3	96.4	97.9	98.3	99.6	100.0
GE 100	84.1	84.8	86.5	87.5	89.1	90.1	91.0	92.8	93.3	95.3	96.3	96.4	97.9	98.3	99.6	100.0
GE 000	84.1	84.8	86.5	87.5	89.1	90.1	91.0	92.8	93.3	95.3	96.3	96.4	97.9	98.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 919

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	44.4	44.9	45.0	45.2	45.2	45.6	46.0	46.0	46.1	46.2	46.3	46.8	47.0	47.3	47.7
GE 20000	46.6	46.8	47.3	47.4	47.7	47.7	48.0	48.4	48.4	48.5	48.6	48.7	49.2	49.4	49.7	50.1
GE 18000	48.9	49.1	49.6	49.7	49.9	49.9	50.3	50.7	50.7	50.8	50.9	51.0	51.5	51.7	52.0	52.3
GE 16000	50.7	50.9	51.5	51.6	51.8	51.8	52.1	52.6	52.6	52.7	52.8	52.9	53.3	53.6	53.9	54.2
GE 14000	53.1	53.3	53.9	54.0	54.2	54.2	54.5	55.0	55.0	55.1	55.2	55.3	55.7	56.0	56.3	56.6
GE 12000	56.9	57.2	57.7	57.8	58.0	58.0	58.4	58.8	58.8	58.9	59.0	59.1	59.6	59.8	60.1	60.4
GE 10000	66.1	66.3	66.9	67.1	67.4	67.5	67.9	68.4	68.4	68.5	68.6	68.7	69.2	69.4	69.7	70.1
GE 9000	68.6	68.9	69.4	69.6	69.9	70.1	70.4	70.9	70.9	71.0	71.1	71.3	71.7	71.9	72.2	72.6
GE 8000	72.6	72.8	73.3	73.6	73.9	74.0	74.3	74.9	74.9	75.0	75.1	75.2	75.6	75.8	76.2	76.5
GE 7000	75.0	75.2	75.7	76.0	76.3	76.4	76.8	77.4	77.4	77.6	77.7	77.8	78.3	78.5	78.8	79.1
GE 6000	77.4	77.6	78.1	78.4	78.8	78.9	79.3	79.9	79.9	80.1	80.2	80.3	80.8	81.0	81.3	81.6
GE 5000	78.3	78.5	79.0	79.3	79.8	80.0	80.4	81.0	81.1	81.3	81.4	81.5	82.0	82.2	82.5	82.8
GE 4500	80.0	80.2	80.8	81.1	81.5	81.7	82.4	83.1	83.2	83.4	83.5	83.6	84.0	84.3	84.6	84.9
GE 4000	80.9	81.1	81.7	82.1	82.5	82.7	83.4	84.0	84.2	84.6	84.7	84.8	85.2	85.5	85.8	86.1
GE 3500	81.3	81.5	82.2	82.5	83.0	83.2	83.8	84.5	84.6	85.0	85.1	85.2	85.7	85.9	86.2	86.6
GE 3000	82.4	82.7	83.7	84.2	85.0	85.2	86.0	87.3	87.4	87.9	88.0	88.1	88.5	88.7	89.1	89.4
GE 2500	83.3	83.6	84.6	85.0	85.9	86.1	87.2	88.5	88.6	89.1	89.2	89.3	89.7	89.9	90.3	90.6
GE 2000	84.3	84.6	85.8	86.3	87.2	87.4	88.6	90.1	90.3	90.9	91.1	91.3	91.7	91.9	92.2	92.6
GE 1800	84.5	84.8	86.0	86.6	87.5	87.8	89.0	90.5	90.7	91.4	91.6	91.7	92.1	92.3	92.7	93.0
GE 1500	84.6	84.9	86.1	86.7	87.8	88.0	89.3	91.1	91.5	92.8	93.2	93.3	93.8	94.0	94.3	94.6
GE 1200	85.1	85.5	86.8	87.3	88.6	88.9	90.3	92.1	92.6	94.3	94.9	95.0	95.4	95.6	96.0	96.3
GE 1000	85.8	86.1	87.4	88.0	89.3	89.5	91.0	93.2	93.7	95.4	96.4	96.5	96.9	97.2	97.5	97.8
GE 900	85.8	86.1	87.4	88.0	89.3	89.5	91.0	93.2	93.7	95.6	96.7	96.8	97.3	97.5	97.8	98.1
GE 800	85.8	86.1	87.4	88.1	89.4	89.6	91.1	93.3	93.9	96.2	97.3	97.4	97.9	98.1	98.5	98.8
GE 700	85.9	86.2	87.5	88.2	89.6	89.8	91.4	93.6	94.1	96.5	97.6	97.7	98.3	98.5	98.8	99.1
GE 600	86.0	86.3	87.7	88.3	89.8	90.1	91.8	94.0	94.6	97.0	98.1	98.3	98.8	99.0	99.3	99.7
GE 500	86.1	86.4	87.8	88.4	89.9	90.2	91.9	94.1	94.8	97.2	98.3	98.4	98.9	99.1	99.6	99.9
GE 400	86.1	86.4	87.8	88.4	90.1	90.3	92.0	94.2	94.9	97.3	98.4	98.5	99.0	99.2	99.7	100.0
GE 300	86.1	86.4	87.8	88.4	90.1	90.3	92.0	94.2	94.9	97.3	98.4	98.5	99.0	99.2	99.7	100.0
GE 200	86.1	86.4	87.8	88.4	90.1	90.3	92.0	94.2	94.9	97.3	98.4	98.5	99.0	99.2	99.7	100.0
GE 100	86.1	86.4	87.8	88.4	90.1	90.3	92.0	94.2	94.9	97.3	98.4	98.5	99.0	99.2	99.7	100.0
GE 000	86.1	86.4	87.8	88.4	90.1	90.3	92.0	94.2	94.9	97.3	98.4	98.5	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 915

D - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	47.4	47.8	47.9	48.2	48.2	48.2	48.2	48.2	48.4	48.5	48.5	48.7	48.7	48.7	48.8
GE 20000	49.1	49.2	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.2	50.3	50.3	50.5	50.5	50.5	50.7
GE 18000	51.0	51.1	51.5	51.6	51.8	51.8	51.8	51.8	51.8	52.1	52.2	52.2	52.4	52.4	52.4	52.5
GE 16000	52.3	52.4	52.8	52.9	53.2	53.2	53.2	53.2	53.2	53.4	53.5	53.5	53.7	53.7	53.7	53.8
GE 14000	54.8	54.9	55.3	55.4	55.7	55.7	55.7	55.7	55.7	55.9	56.0	56.0	56.2	56.2	56.2	56.3
GE 12000	58.7	58.8	59.2	59.3	59.6	59.6	59.6	59.6	59.6	59.8	59.9	59.9	60.1	60.1	60.1	60.2
GE 10000	67.0	67.1	67.5	67.6	68.3	68.3	68.4	68.5	68.5	68.7	68.8	68.8	69.0	69.0	69.0	69.1
GE 9000	71.1	71.2	71.6	71.7	72.4	72.4	72.6	72.7	72.7	72.9	73.0	73.0	73.3	73.3	73.3	73.4
GE 8000	74.9	75.0	75.4	75.5	76.2	76.3	76.5	76.6	76.6	76.8	77.0	77.0	77.2	77.2	77.2	77.3
GE 7000	77.3	77.4	77.8	77.9	78.7	78.8	79.0	79.1	79.1	79.3	79.5	79.5	79.7	79.7	79.7	79.8
GE 6000	79.7	79.9	80.3	80.4	81.2	81.3	81.5	81.6	81.6	81.8	82.0	82.0	82.2	82.2	82.2	82.3
GE 5000	81.1	81.3	81.7	81.8	82.7	82.9	83.2	83.3	83.3	83.5	83.6	83.6	83.8	87.8	83.8	83.9
GE 4500	81.8	82.2	82.6	82.7	83.6	83.8	84.0	84.1	84.1	84.3	84.5	84.5	84.7	84.7	84.7	84.8
GE 4000	82.7	83.0	83.8	83.9	84.8	85.1	85.3	85.4	85.4	85.7	85.8	85.8	86.0	86.0	86.0	86.1
GE 3500	82.9	83.3	84.0	84.1	85.0	85.3	85.5	85.7	85.7	85.9	86.0	86.0	86.2	86.2	86.2	86.3
GE 3000	83.2	83.6	84.5	84.6	85.4	85.8	86.0	86.5	86.5	86.7	86.8	86.8	87.1	87.1	87.1	87.2
GE 2500	83.8	84.2	85.2	85.4	86.6	87.2	87.4	88.2	88.2	88.6	88.7	88.7	88.9	88.9	88.9	89.0
GE 2000	85.0	85.4	86.5	86.8	88.4	88.9	89.2	90.0	90.0	90.5	90.7	90.7	90.9	90.9	90.9	91.0
GE 1800	85.3	85.8	86.8	87.2	88.8	89.3	90.1	91.0	91.3	91.8	92.0	92.0	92.2	92.2	92.2	92.3
GE 1500	85.8	86.2	87.3	87.6	89.3	90.1	91.1	92.5	92.8	93.6	93.7	93.7	93.9	93.9	93.9	94.0
GE 1200	86.2	86.6	87.7	88.0	89.8	90.5	91.6	93.5	94.0	95.3	95.4	95.4	95.7	95.7	95.7	95.8
GE 1000	86.5	87.0	88.0	88.4	90.2	91.0	92.1	94.0	94.8	96.2	96.4	96.4	96.6	96.6	96.6	96.7
GE 900	86.6	87.1	88.3	88.6	90.4	91.2	92.5	94.5	95.3	96.8	97.2	97.2	97.4	97.4	97.4	97.5
GE 800	86.6	87.1	88.3	88.7	90.5	91.3	92.6	94.6	95.4	97.5	98.0	98.0	98.3	98.3	98.3	98.4
GE 700	86.6	87.1	88.3	88.7	90.7	91.4	92.7	94.7	95.5	97.6	98.2	98.2	98.4	98.4	98.4	98.5
GE 600	86.7	87.2	88.4	88.8	90.8	91.5	92.8	95.0	95.9	98.5	99.0	99.0	99.2	99.2	99.5	99.6
GE 500	86.8	87.3	88.5	88.9	91.0	91.7	93.0	95.2	96.1	98.8	99.3	99.3	99.6	99.6	99.8	99.9
GE 400	86.8	87.3	88.5	88.9	91.0	91.7	93.0	95.2	96.1	98.8	99.3	99.3	99.6	99.6	99.8	99.9
GE 300	86.8	87.3	88.5	88.9	91.0	91.7	93.0	95.2	96.1	98.8	99.3	99.3	99.6	99.6	99.8	99.9
GE 200	86.8	87.3	88.5	88.9	91.0	91.7	93.0	95.2	96.1	98.8	99.3	99.3	99.6	99.6	99.8	99.9
GE 100	86.8	87.3	88.5	88.9	91.1	91.8	93.2	95.3	96.2	98.9	99.5	99.5	99.7	99.7	99.9	100.0
GE 000	86.8	87.3	88.5	88.9	91.1	91.8	93.2	95.3	96.2	98.9	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	46.0	47.0	47.6	48.6	48.7	48.9	49.0	49.0	49.1	49.1	49.1	49.3	49.3	49.7	49.7
GE 20000	47.9	48.6	49.6	50.2	51.3	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.9	51.9	52.3	52.3
GE 18000	50.2	50.9	51.9	52.4	53.5	53.6	53.8	53.9	53.9	54.0	54.0	54.0	54.2	54.2	54.6	54.6
GE 16000	51.5	52.2	53.2	53.8	54.8	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.5	55.5	55.9	55.9
GE 14000	53.3	54.1	55.1	55.6	56.7	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.3	57.3	57.8	57.8
GE 12000	56.7	57.5	58.7	59.2	60.3	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.9	60.9	61.4	61.4
GE 10000	64.0	64.7	66.1	66.6	67.9	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.6	68.6	69.0	69.0
GE 9000	66.8	67.6	68.9	69.4	70.8	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.9	71.9
GE 8000	71.4	72.1	73.4	74.0	75.4	75.5	75.6	75.7	75.7	75.8	75.8	75.8	76.1	76.1	76.5	76.5
GE 7000	74.0	74.8	76.1	76.6	78.0	78.1	78.2	78.3	78.3	78.5	78.5	78.5	78.7	78.7	79.1	79.1
GE 6000	75.5	76.3	77.6	78.1	79.5	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.6	80.6
GE 5000	77.5	78.5	80.0	80.8	82.8	83.0	83.1	83.2	83.2	83.4	83.4	83.4	83.6	83.6	84.0	84.0
GE 4500	77.7	78.7	80.2	81.1	83.0	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.8	83.8	84.2	84.2
GE 4000	78.7	79.8	81.8	82.7	84.7	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.4	85.4	85.9	85.9
GE 3500	79.0	80.1	82.2	83.0	85.0	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.7	85.7	86.2	86.2
GE 3000	79.8	81.0	83.4	84.3	86.9	87.4	87.7	88.1	88.1	88.2	88.2	88.2	88.5	88.5	88.9	88.9
GE 2500	80.3	81.5	83.9	85.1	87.9	88.5	88.9	89.3	89.3	89.6	89.6	89.6	89.8	89.8	90.2	90.2
GE 2000	81.4	82.6	85.1	86.3	89.4	90.0	90.6	91.1	91.2	91.7	91.7	91.7	91.9	91.9	92.4	92.4
GE 1800	81.9	83.1	85.6	86.8	90.1	90.6	91.3	91.7	92.2	92.7	92.7	92.7	92.9	92.9	93.4	93.4
GE 1500	82.4	83.6	86.2	87.4	91.1	91.6	92.3	92.9	93.5	94.5	94.5	94.5	94.7	94.7	95.1	95.1
GE 1200	82.7	83.9	86.6	87.9	91.7	92.3	92.9	93.9	94.7	95.6	95.6	95.6	95.9	95.9	96.3	96.3
GE 1000	82.8	84.0	86.7	88.1	92.3	92.8	93.5	94.7	95.4	96.6	96.6	96.6	96.8	96.8	97.3	97.3
GE 900	82.8	84.0	86.9	88.4	92.6	93.3	94.0	95.2	96.0	97.5	97.5	97.5	97.7	97.7	98.2	98.2
GE 800	82.9	84.1	87.1	88.5	92.7	93.4	94.1	95.4	96.2	97.8	97.8	97.8	98.0	98.0	98.5	98.5
GE 700	83.1	84.3	87.3	88.7	92.9	93.6	94.3	95.6	96.4	98.0	98.0	98.0	98.3	98.3	98.7	98.7
GE 600	83.1	84.3	87.4	88.8	93.1	93.8	94.6	95.9	96.6	98.3	98.3	98.3	98.5	98.5	99.0	99.0
GE 500	83.2	84.4	87.5	89.0	93.4	94.0	94.8	96.2	97.0	98.8	98.8	98.8	99.0	99.0	99.6	99.6
GE 400	83.4	84.5	87.6	89.1	93.5	94.1	94.9	96.3	97.1	98.9	98.9	98.9	99.2	99.5	100.0	100.0
GE 300	83.4	84.5	87.6	89.1	93.5	94.1	94.9	96.3	97.1	98.9	98.9	98.9	99.2	99.5	100.0	100.0
GE 200	83.4	84.5	87.6	89.1	93.5	94.1	94.9	96.3	97.1	98.9	98.9	98.9	99.2	99.5	100.0	100.0
GE 100	83.4	84.5	87.6	89.1	93.5	94.1	94.9	96.3	97.1	98.9	98.9	98.9	99.2	99.5	100.0	100.0
GE 000	83.4	84.5	87.6	89.1	93.5	94.1	94.9	96.3	97.1	98.9	98.9	98.9	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

D - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	46.9	47.5	48.1	50.0	50.2	50.6	50.6	50.6	51.3	51.9	51.9	52.3	52.3	53.1	53.1
GE 20000	48.5	48.8	49.4	50.0	51.9	52.1	52.5	52.5	52.5	53.1	53.8	53.8	54.2	54.2	55.0	55.0
GE 18000	51.3	51.5	52.1	52.7	54.6	54.8	55.2	55.2	55.2	55.8	56.5	56.5	56.9	56.9	57.7	57.7
GE 16000	54.2	54.4	55.0	55.6	57.5	57.7	58.1	58.1	58.1	58.8	59.4	59.4	59.8	59.8	60.6	60.6
GE 14000	55.6	55.8	56.5	57.1	59.0	59.2	59.6	59.6	59.6	60.2	60.8	60.8	61.3	61.3	62.1	62.1
GE 12000	58.5	58.8	60.0	60.6	62.5	62.7	63.1	63.1	63.1	63.8	64.4	64.4	64.8	64.8	65.6	65.6
GE 10000	64.6	64.8	66.3	66.9	68.8	69.0	69.4	69.4	69.4	70.0	70.6	70.6	71.0	71.0	71.9	71.9
GE 9000	66.9	67.1	68.5	69.2	71.0	71.3	71.7	71.7	71.7	72.3	72.9	72.9	73.3	73.3	74.2	74.2
GE 8000	73.1	73.5	75.0	75.6	77.5	77.7	78.1	78.1	78.1	78.8	79.4	79.4	79.8	79.8	80.6	80.6
GE 7000	74.8	75.2	76.7	77.3	79.2	79.4	79.8	79.8	79.8	80.4	81.0	81.0	81.5	81.5	82.3	82.3
GE 6000	75.4	75.8	77.3	77.9	79.8	80.0	80.4	80.4	80.4	81.0	81.7	81.7	82.1	82.1	82.9	82.9
GE 5000	77.3	77.9	79.4	80.0	82.3	82.9	83.3	83.3	83.3	84.0	84.6	84.6	85.0	85.0	85.8	85.8
GE 4500	77.3	77.9	79.4	80.2	82.5	83.1	83.5	83.5	83.5	84.2	84.8	84.8	85.2	85.2	86.0	86.0
GE 4000	77.7	78.3	80.0	80.8	83.1	83.8	84.2	84.2	84.2	84.8	85.4	85.4	85.8	85.8	86.7	86.7
GE 3500	78.3	79.0	80.6	81.5	83.8	84.4	84.8	84.8	84.8	85.4	86.0	86.0	86.5	86.5	87.3	87.3
GE 3000	78.5	79.2	81.3	82.1	85.4	86.0	86.7	86.7	86.7	87.3	87.9	87.9	88.3	88.3	89.2	89.2
GE 2500	79.2	79.8	82.1	83.1	86.5	87.1	87.9	87.9	87.9	88.5	89.2	89.2	89.6	89.6	90.4	90.4
GE 2000	80.0	80.6	83.3	84.8	88.8	89.4	90.2	90.2	90.2	91.0	91.7	91.7	92.1	92.1	92.9	92.9
GE 1800	80.2	80.8	83.5	85.0	89.4	90.2	91.0	91.3	91.5	92.3	92.9	92.9	93.3	93.3	94.2	94.2
GE 1500	80.6	81.3	84.0	85.6	90.0	91.0	91.9	92.1	92.3	93.1	93.8	93.8	94.2	94.2	95.0	95.0
GE 1200	80.8	81.5	84.2	85.8	90.2	91.3	92.1	92.3	92.5	93.5	94.2	94.2	94.6	94.6	95.4	95.4
GE 1000	80.8	81.5	84.4	86.0	90.6	91.7	92.5	93.1	93.3	94.4	95.0	95.0	95.4	95.4	96.3	96.3
GE 900	80.8	81.5	84.6	86.3	90.8	91.9	92.7	93.5	93.8	95.0	95.6	95.6	96.0	96.0	96.9	96.9
GE 800	81.0	81.9	85.0	86.7	91.3	92.3	93.3	94.2	94.4	95.6	96.3	96.3	96.7	96.7	97.5	97.5
GE 700	81.3	82.1	85.2	86.9	91.5	92.5	93.5	94.6	94.8	96.0	96.7	96.7	97.1	97.1	97.9	97.9
GE 600	81.7	82.5	86.0	87.7	92.3	93.3	94.4	95.4	95.6	96.9	97.5	97.5	97.9	97.9	98.8	98.8
GE 500	81.7	82.5	86.0	87.7	92.7	93.8	94.8	96.0	96.5	97.7	98.3	98.3	98.8	98.8	99.6	99.6
GE 400	81.7	82.5	86.0	87.7	92.7	93.8	94.8	96.0	96.5	97.7	98.3	98.3	98.8	98.8	99.8	99.8
GE 300	81.7	82.5	86.0	87.7	92.7	93.8	94.8	96.0	96.5	97.7	98.3	98.3	98.8	98.8	99.8	99.8
GE 200	81.7	82.5	86.0	87.7	92.7	93.8	94.8	96.0	96.5	97.7	98.3	98.3	98.8	98.8	99.8	99.8
GE 100	81.7	82.5	86.0	87.7	92.7	93.8	94.8	96.0	96.5	97.7	98.3	98.3	98.8	98.8	99.0	100.0
GE 000	81.7	82.5	86.0	87.7	92.7	93.8	94.8	96.0	96.5	97.7	98.3	98.3	98.8	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 480

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	47.0	47.9	48.1	48.8	48.9	49.2	49.3	49.3	49.7	50.0	50.1	50.5	50.6	51.1	51.3
GE 20000	48.5	48.9	49.7	50.0	50.7	50.7	51.0	51.1	51.1	51.5	51.8	51.9	52.3	52.4	52.9	53.1
GE 18000	50.7	51.0	51.9	52.1	52.8	52.9	53.2	53.3	53.3	53.7	54.0	54.0	54.5	54.6	55.1	55.2
GE 16000	52.5	52.8	53.6	53.9	54.6	54.6	54.9	55.0	55.0	55.4	55.7	55.8	56.2	56.3	56.8	57.0
GE 14000	54.0	54.4	55.2	55.5	56.2	56.2	56.5	56.6	56.6	57.0	57.3	57.4	57.8	57.9	58.4	58.6
GE 12000	57.2	57.5	58.4	58.7	59.4	59.4	59.7	59.9	59.9	60.3	60.6	60.6	61.1	61.2	61.6	61.8
GE 10000	64.9	65.2	66.2	66.5	67.3	67.4	67.7	67.9	67.9	68.3	68.6	68.7	69.1	69.2	69.7	69.9
GE 9000	67.7	68.0	69.0	69.3	70.2	70.2	70.6	70.8	70.8	71.2	71.5	71.6	72.0	72.1	72.6	72.7
GE 8000	72.4	72.7	73.7	74.0	74.9	75.0	75.3	75.5	75.5	76.0	76.3	76.3	76.8	76.9	77.3	77.5
GE 7000	74.7	75.0	76.0	76.3	77.2	77.4	77.7	77.9	77.9	78.4	78.7	78.7	79.2	79.3	79.7	79.9
GE 6000	76.8	77.1	78.2	78.5	79.4	79.6	79.9	80.1	80.1	80.6	80.9	80.9	81.4	81.5	82.0	82.1
GE 5000	78.5	79.0	80.1	80.5	81.7	82.0	82.3	82.5	82.6	83.0	83.3	83.4	83.8	83.9	84.4	84.6
GE 4500	79.2	79.7	80.8	81.2	82.4	82.7	83.1	83.3	83.3	83.8	84.1	84.1	84.6	84.7	85.2	85.3
GE 4000	80.1	80.7	82.0	82.5	83.7	84.0	84.4	84.7	84.8	85.3	85.6	85.7	86.1	86.2	86.7	86.9
GE 3500	80.5	81.1	82.4	82.9	84.1	84.4	84.8	85.1	85.2	85.7	86.0	86.1	86.5	86.6	87.1	87.3
GE 3000	81.5	82.1	83.6	84.3	85.8	86.2	86.7	87.3	87.4	87.9	88.2	88.3	88.7	88.8	89.3	89.5
GE 2500	82.3	82.9	84.6	85.3	87.0	87.4	88.0	88.7	88.8	89.4	89.6	89.7	90.1	90.2	90.7	90.9
GE 2000	83.4	84.0	85.8	86.6	88.5	88.9	89.7	90.4	90.6	91.3	91.6	91.7	92.1	92.2	92.7	92.9
GE 1800	83.6	84.2	86.0	86.8	88.9	89.4	90.2	91.0	91.3	92.0	92.4	92.4	92.9	92.9	93.4	93.6
GE 1500	84.0	84.6	86.5	87.4	89.6	90.1	91.0	92.1	92.4	93.4	93.8	93.9	94.3	94.4	94.9	95.1
GE 1200	84.4	85.1	87.0	87.9	90.2	90.8	91.7	92.9	93.3	94.6	95.0	95.1	95.5	95.6	96.1	96.3
GE 1000	84.7	85.4	87.4	88.3	90.7	91.3	92.3	93.7	94.1	95.5	96.1	96.1	96.6	96.7	97.2	97.4
GE 900	84.8	85.4	87.5	88.5	91.0	91.6	92.7	94.1	94.6	96.1	96.7	96.8	97.3	97.3	97.8	98.0
GE 800	84.9	85.6	87.7	88.7	91.2	91.8	92.9	94.4	94.9	96.6	97.3	97.3	97.9	98.0	98.4	98.6
GE 700	85.1	85.8	87.9	88.9	91.4	92.1	93.2	94.7	95.2	96.9	97.6	97.7	98.2	98.3	98.8	98.9
GE 600	85.2	85.9	88.1	89.1	91.7	92.3	93.5	95.0	95.5	97.4	98.1	98.1	98.7	98.8	99.3	99.5
GE 500	85.2	86.0	88.2	89.2	91.9	92.5	93.7	95.3	95.8	97.7	98.4	98.4	99.0	99.1	99.6	99.8
GE 400	85.3	86.0	88.2	89.2	91.9	92.5	93.7	95.3	95.8	97.8	98.4	98.5	99.0	99.2	99.8	99.9
GE 300	85.3	86.0	88.2	89.2	91.9	92.5	93.7	95.3	95.8	97.8	98.4	98.5	99.1	99.2	99.8	99.9
GE 200	85.3	86.0	88.2	89.2	91.9	92.5	93.7	95.3	95.8	97.8	98.5	98.5	99.1	99.2	99.8	100.0
GE 100	85.3	86.0	88.2	89.2	91.9	92.5	93.7	95.3	95.9	97.8	98.5	98.5	99.1	99.3	99.8	100.0
GE 000	85.3	86.0	88.2	89.2	91.9	92.5	93.7	95.3	95.9	97.8	98.5	98.5	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5203

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 6000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 5000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 43

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 18000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 16000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 14000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 5000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4500	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 42

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	45.7	45.8	46.6	46.8	47.1	47.1	47.3	47.6	47.7	47.9	48.3	48.4	49.2	49.4	49.7
GE 20000	46.5	46.6	47.5	47.6	47.9	47.9	48.1	48.4	48.6	48.7	49.1	49.2	50.1	50.2	50.5
GE 18000	48.3	48.4	49.2	49.4	49.7	49.7	49.9	50.2	50.3	50.5	50.9	51.0	51.9	52.0	52.3
GE 16000	49.0	49.1	49.9	50.1	50.3	50.3	50.6	50.9	51.0	51.2	51.6	51.7	52.5	52.7	52.9
GE 14000	50.1	50.2	51.0	51.2	51.4	51.4	51.7	52.0	52.1	52.3	52.7	52.8	53.6	53.8	54.0
GE 12000	55.1	55.3	56.1	56.2	56.5	56.5	56.8	57.1	57.2	57.3	57.8	57.9	58.7	58.8	59.1
GE 10000	63.5	63.6	64.5	64.6	64.9	64.9	65.2	65.4	65.6	65.7	66.1	66.3	67.1	67.2	67.5
GE 9000	65.0	65.2	66.0	66.1	66.4	66.4	66.7	66.9	67.1	67.2	67.6	67.8	68.6	68.7	69.0
GE 8000	70.1	70.2	71.1	71.2	71.5	71.5	71.7	72.0	72.2	72.3	72.7	72.8	73.7	73.8	74.1
GE 7000	71.2	71.3	72.2	72.3	72.6	72.6	72.8	73.1	73.3	73.4	73.8	73.9	74.8	74.9	75.2
GE 6000	73.8	74.1	75.2	75.3	75.7	75.7	76.0	76.3	76.4	76.5	77.0	77.1	77.9	78.1	78.3
GE 5000	77.5	77.9	79.3	79.6	80.5	80.5	80.9	81.2	81.3	81.5	81.9	82.0	82.9	83.0	83.3
GE 4500	78.1	78.5	79.8	80.1	81.1	81.1	81.5	81.8	81.9	82.0	82.4	82.6	83.4	83.5	83.8
GE 4000	78.9	79.3	80.8	81.3	82.3	82.3	82.7	83.0	83.1	83.3	83.7	83.8	84.6	84.8	85.0
GE 3500	80.2	80.7	82.4	83.0	84.1	84.1	84.5	84.8	84.9	85.0	85.5	85.6	86.4	86.6	86.8
GE 3000	82.0	82.4	84.4	84.9	86.1	86.1	86.6	86.8	87.0	87.1	87.5	87.7	88.5	88.6	88.9
GE 2500	82.4	83.0	85.2	85.7	87.1	87.2	87.7	87.9	88.1	88.2	88.6	88.8	89.6	89.7	90.0
GE 2000	83.1	83.8	86.1	86.7	88.1	88.3	88.9	89.3	89.4	89.7	90.1	90.3	91.1	91.2	91.5
GE 1800	83.1	83.8	86.1	86.7	88.5	88.8	89.3	89.7	89.8	90.3	90.7	90.8	91.6	91.8	92.0
GE 1500	84.4	85.0	88.1	88.8	90.8	91.2	91.9	92.5	92.6	93.3	93.7	93.8	94.7	94.8	95.2
GE 1200	85.0	85.7	88.8	89.4	91.9	92.3	93.3	94.0	94.2	94.9	95.3	95.5	96.3	96.4	96.8
GE 1000	85.2	86.0	89.2	89.8	92.5	92.9	94.1	94.9	95.2	96.2	96.6	96.7	97.5	97.7	98.1
GE 900	85.2	86.0	89.2	89.8	92.5	92.9	94.1	94.9	95.2	96.2	96.6	96.7	97.5	97.7	98.1
GE 800	85.2	86.1	89.3	90.0	92.7	93.1	94.4	95.3	95.6	96.6	97.0	97.1	97.9	98.1	98.5
GE 700	85.3	86.3	89.6	90.3	93.0	93.4	94.7	95.6	95.9	97.1	97.5	97.7	98.5	98.6	99.0
GE 600	85.3	86.3	89.6	90.3	93.1	93.6	94.8	95.7	96.0	97.3	97.7	97.8	98.8	98.9	99.3
GE 500	85.3	86.3	89.6	90.3	93.4	94.0	95.2	96.2	96.4	97.7	98.1	98.2	99.2	99.3	99.7
GE 400	85.3	86.3	89.6	90.3	93.6	94.1	95.5	96.4	96.7	97.9	98.4	98.5	99.5	99.6	100.0
GE 300	85.3	86.3	89.6	90.3	93.6	94.1	95.5	96.4	96.7	97.9	98.4	98.5	99.5	99.6	100.0
GE 200	85.3	86.3	89.6	90.3	93.6	94.1	95.5	96.4	96.7	97.9	98.4	98.5	99.5	99.6	100.0
GE 100	85.3	86.3	89.6	90.3	93.6	94.1	95.5	96.4	96.7	97.9	98.4	98.5	99.5	99.6	100.0
GE 000	85.3	86.3	89.6	90.3	93.6	94.1	95.5	96.4	96.7	97.9	98.4	98.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 729

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	43.8	44.1	44.2	44.5	44.7	44.7	44.7	44.7	45.0	45.6	45.6	46.1	46.1	46.4	46.4
GE 20000	46.0	46.0	46.4	46.5	46.7	47.0	47.0	47.0	47.0	47.2	47.8	47.8	48.4	48.4	48.6	48.6
GE 18000	49.7	49.7	50.1	50.2	50.4	50.7	50.7	50.7	50.7	50.9	51.5	51.5	52.1	52.1	52.3	52.3
GE 16000	50.2	50.2	50.5	50.7	50.9	51.1	51.1	51.1	51.1	51.4	52.0	52.0	52.6	52.6	52.8	52.8
GE 14000	52.4	52.4	52.8	52.9	53.1	53.4	53.4	53.4	53.4	53.6	54.2	54.2	54.8	54.8	55.0	55.0
GE 12000	55.9	55.9	56.2	56.3	56.6	56.8	56.8	56.8	56.8	57.1	57.7	57.7	58.2	58.2	58.5	58.5
GE 10000	63.0	63.0	63.3	63.5	63.7	63.9	63.9	63.9	63.9	64.2	64.8	64.8	65.4	65.4	65.6	65.6
GE 9000	64.7	64.7	65.0	65.1	65.4	65.6	65.6	65.6	65.6	65.8	66.4	66.4	67.0	67.0	67.3	67.3
GE 8000	68.8	68.8	69.2	69.3	69.5	69.8	69.8	69.8	69.8	70.0	70.6	70.6	71.2	71.2	71.4	71.4
GE 7000	70.6	70.6	70.9	71.1	71.3	71.5	71.6	71.6	71.6	71.9	72.5	72.5	73.1	73.1	73.3	73.3
GE 6000	71.6	71.6	72.1	72.2	72.5	72.7	72.8	72.8	72.8	73.1	73.7	73.7	74.3	74.3	74.5	74.5
GE 5000	74.9	75.0	75.8	76.0	76.5	76.7	77.0	77.0	77.0	77.2	77.8	77.8	78.4	78.4	78.6	78.6
GE 4500	75.8	75.9	76.7	77.0	77.5	77.7	78.1	78.1	78.1	78.3	78.9	78.9	79.5	79.5	79.7	79.7
GE 4000	77.9	78.1	78.9	79.2	79.8	80.1	80.4	80.4	80.4	80.7	81.3	81.3	81.9	81.9	82.1	82.1
GE 3500	78.9	79.0	79.8	80.3	80.9	81.1	81.5	81.6	81.6	81.9	82.4	82.4	83.0	83.0	83.3	83.3
GE 3000	80.9	81.0	82.0	82.4	83.2	83.5	84.1	84.6	84.6	84.8	85.4	85.4	86.0	86.0	86.2	86.2
GE 2500	82.1	82.2	83.3	83.7	84.6	85.1	85.9	86.6	86.6	87.1	87.7	87.7	88.3	88.3	88.5	88.5
GE 2000	83.7	83.9	85.2	85.6	86.6	87.1	88.1	89.3	89.3	90.0	90.6	90.6	91.2	91.2	91.5	91.5
GE 1800	83.7	83.9	85.2	85.6	86.7	87.2	88.3	89.7	89.8	90.5	91.1	91.1	91.7	91.7	91.9	91.9
GE 1500	84.3	84.5	85.9	86.4	88.0	88.6	90.3	91.8	92.1	93.4	94.0	94.0	94.5	94.5	94.8	94.8
GE 1200	85.1	85.2	86.8	87.4	89.2	89.9	92.2	94.0	94.2	96.1	96.7	96.7	97.3	97.3	97.5	97.5
GE 1000	85.1	85.2	86.8	87.5	89.4	90.2	92.6	94.5	94.8	96.8	97.4	97.4	98.0	98.0	98.2	98.2
GE 900	85.3	85.4	87.1	87.8	89.7	90.4	92.9	94.8	95.0	97.0	97.6	97.6	98.2	98.2	98.5	98.5
GE 800	85.4	85.5	87.2	87.9	89.8	90.6	93.1	95.0	95.3	97.3	97.9	97.9	98.5	98.5	98.7	98.7
GE 700	85.4	85.5	87.3	88.0	90.0	90.9	93.4	95.3	95.5	97.7	98.3	98.3	99.1	99.1	99.3	99.3
GE 600	85.5	85.6	87.4	88.1	90.2	91.0	93.5	95.4	95.6	98.0	98.6	98.6	99.4	99.6	99.9	99.9
GE 500	85.6	85.8	87.5	88.3	90.3	91.1	93.6	95.5	95.7	98.1	98.7	98.7	99.5	99.8	100.0	100.0
GE 400	85.6	85.8	87.5	88.3	90.3	91.1	93.6	95.5	95.7	98.1	98.7	98.7	99.5	99.8	100.0	100.0
GE 300	85.6	85.8	87.5	88.3	90.3	91.1	93.6	95.5	95.7	98.1	98.7	98.7	99.5	99.8	100.0	100.0
GE 200	85.6	85.8	87.5	88.3	90.3	91.1	93.6	95.5	95.7	98.1	98.7	98.7	99.5	99.8	100.0	100.0
GE 100	85.6	85.8	87.5	88.3	90.3	91.1	93.6	95.5	95.7	98.1	98.7	98.7	99.5	99.8	100.0	100.0
GE 000	85.6	85.8	87.5	88.3	90.3	91.1	93.6	95.5	95.7	98.1	98.7	98.7	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	57.7	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	70.7	70.7	70.7	70.7	70.7	70.7	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	78.6	78.7	79.2	79.2	79.4	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	80.2	80.4	80.8	80.8	81.1	81.3	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	81.3	81.4	81.9	81.9	82.3	82.5	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	81.3	81.7	82.1	82.3	82.6	82.9	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	83.3	83.5	84.2	84.5	85.2	85.7	86.4	86.5	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	83.8	83.9	84.6	85.0	86.1	86.5	87.9	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	84.8	84.9	85.7	86.1	87.5	88.2	89.9	90.5	90.8	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	85.2	85.4	86.2	86.8	88.2	89.0	91.2	91.8	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	85.7	85.8	86.8	87.5	89.0	90.0	92.6	93.3	93.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	85.8	86.0	86.9	87.9	89.9	90.8	94.2	95.0	95.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	85.8	86.0	87.0	88.0	90.2	91.2	94.9	95.8	96.4	97.9	98.5	98.6	98.6	98.6	98.6	98.6
GE 900	85.8	86.0	87.0	88.0	90.2	91.2	94.9	95.8	96.4	97.9	98.5	98.6	98.6	98.6	98.6	98.6
GE 800	86.0	86.1	87.1	88.1	90.4	91.3	95.0	96.0	96.5	98.1	98.7	98.8	98.8	98.8	98.8	98.8
GE 700	86.1	86.2	87.3	88.2	90.5	91.4	95.1	96.2	96.8	98.3	98.9	99.0	99.0	99.0	99.2	99.2
GE 600	86.3	86.4	87.5	88.5	90.7	91.7	95.4	96.4	97.0	98.6	99.2	99.3	99.3	99.4	99.5	99.5
GE 500	86.5	86.7	87.7	88.7	91.0	91.9	95.6	96.7	97.3	98.8	99.4	99.5	99.5	99.8	99.9	99.9
GE 400	86.5	86.7	87.7	88.7	91.0	91.9	95.6	96.7	97.3	98.8	99.4	99.5	99.5	99.8	99.9	100.0
GE 300	86.5	86.7	87.7	88.7	91.0	91.9	95.6	96.7	97.3	98.8	99.4	99.5	99.5	99.8	99.9	100.0
GE 200	86.5	86.7	87.7	88.7	91.0	91.9	95.6	96.7	97.3	98.8	99.4	99.5	99.5	99.8	99.9	100.0
GE 100	86.5	86.7	87.7	88.7	91.0	91.9	95.6	96.7	97.3	98.8	99.4	99.5	99.5	99.8	99.9	100.0
GE 000	86.5	86.7	87.7	88.7	91.0	91.9	95.6	96.7	97.3	98.8	99.4	99.5	99.5	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 840

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 18000	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 10000	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	75.5	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	76.9	76.9	77.3	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	79.8	79.8	80.4	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	80.6	80.6	81.2	81.4	81.7	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	81.8	81.8	82.8	83.0	83.5	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	82.4	82.4	83.4	83.6	84.1	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	84.1	84.1	85.7	85.9	86.7	87.2	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	84.6	84.6	86.1	86.4	87.3	87.8	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	85.7	85.8	87.6	87.9	89.4	90.0	91.3	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	85.9	86.0	87.8	88.2	89.6	90.2	91.9	92.7	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	86.0	86.1	87.9	88.4	90.1	90.8	92.8	94.1	94.3	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 1200	86.4	86.5	88.3	88.8	90.6	91.3	93.7	95.3	95.6	96.2	96.7	96.7	97.1	97.1	97.1	97.1
GE 1000	86.5	86.6	88.4	88.9	90.9	91.8	94.3	95.9	96.2	97.0	97.7	97.7	98.4	98.4	98.4	98.4
GE 900	86.5	86.6	88.4	88.9	90.9	91.8	94.3	95.9	96.2	97.1	97.8	97.8	98.7	98.7	98.7	98.7
GE 800	86.9	87.0	88.8	89.2	91.3	92.1	94.6	96.3	96.5	97.5	98.2	98.3	99.2	99.3	99.3	99.3
GE 700	87.2	87.3	89.1	89.6	91.6	92.5	95.0	96.8	97.0	98.0	98.7	98.8	99.6	99.9	99.9	99.9
GE 600	87.2	87.3	89.1	89.6	91.6	92.5	95.0	96.8	97.0	98.0	98.7	98.8	99.6	99.9	99.9	99.9
GE 500	87.3	87.5	89.2	89.7	91.8	92.6	95.1	96.9	97.1	98.1	98.8	98.9	99.8	100.0	100.0	100.0
GE 400	87.3	87.5	89.2	89.7	91.8	92.6	95.1	96.9	97.1	98.1	98.8	98.9	99.8	100.0	100.0	100.0
GE 300	87.3	87.5	89.2	89.7	91.8	92.6	95.1	96.9	97.1	98.1	98.8	98.9	99.8	100.0	100.0	100.0
GE 200	87.3	87.5	89.2	89.7	91.8	92.6	95.1	96.9	97.1	98.1	98.8	98.9	99.8	100.0	100.0	100.0
GE 100	87.3	87.5	89.2	89.7	91.8	92.6	95.1	96.9	97.1	98.1	98.8	98.9	99.8	100.0	100.0	100.0
GE 000	87.3	87.5	89.2	89.7	91.8	92.6	95.1	96.9	97.1	98.1	98.8	98.9	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	58.4	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 14000	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	64.4	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 10000	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	73.8	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	75.5	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	77.1	77.4	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	79.6	80.0	80.7	80.7	81.5	81.5	81.5	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	80.1	80.5	81.2	81.2	82.0	82.0	82.0	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	81.5	81.8	83.2	83.4	84.3	84.3	84.3	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	82.4	82.8	84.4	84.8	85.6	85.6	85.6	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	83.8	84.1	85.7	86.1	87.7	87.7	88.0	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	84.8	85.1	87.1	87.4	89.1	89.1	89.5	89.5	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	86.1	86.5	88.4	89.0	91.1	91.2	92.1	92.2	92.3	92.7	92.8	92.8	93.0	93.0	93.0	93.0
GE 1800	86.3	86.7	88.7	89.3	91.6	91.7	92.7	92.9	93.0	93.4	93.5	93.5	93.8	93.8	93.8	93.8
GE 1500	86.5	86.8	89.0	89.8	92.6	92.7	93.8	94.5	94.6	95.6	95.7	95.7	96.0	96.0	96.0	96.0
GE 1200	86.6	87.0	89.3	90.4	93.3	93.4	94.5	95.4	95.5	96.5	96.6	96.6	96.8	96.8	96.8	96.8
GE 1000	86.8	87.2	89.5	90.6	93.5	93.8	94.9	95.9	96.0	97.1	97.2	97.2	97.6	97.6	97.6	97.6
GE 900	86.8	87.2	89.5	90.6	93.7	93.9	95.0	96.0	96.2	97.4	97.6	97.6	98.0	98.0	98.0	98.0
GE 800	87.1	87.4	89.8	90.9	93.9	94.1	95.2	96.2	96.5	97.7	97.9	97.9	98.4	98.4	98.4	98.4
GE 700	87.4	87.8	90.1	91.2	94.3	94.5	95.6	96.6	96.8	98.0	98.4	98.4	98.9	98.9	98.9	98.9
GE 600	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.6
GE 500	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.8	99.8	99.8
GE 400	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.9	100.0	100.0
GE 300	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.9	100.0	100.0
GE 200	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.9	100.0	100.0
GE 100	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.9	100.0	100.0
GE 000	87.7	88.0	90.4	91.6	94.9	95.1	96.2	97.2	97.4	98.7	99.1	99.1	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	55.1	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	56.1	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	58.4	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 16000	59.9	60.2	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	63.3	63.5	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	65.6	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	69.6	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	71.2	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	74.2	74.5	74.7	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	75.5	75.8	76.0	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	77.6	78.3	79.1	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	78.6	79.3	80.6	80.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	79.3	80.1	81.4	81.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	80.4	81.1	82.4	82.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	81.6	82.4	83.9	84.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	82.1	82.9	84.7	85.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	83.4	84.2	86.2	86.7	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	84.7	85.5	88.0	88.8	91.6	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6
GE 1800	85.2	86.0	88.5	89.3	92.3	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.4	93.4	93.4	93.4
GE 1500	86.0	86.7	89.8	91.1	94.4	94.9	95.2	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2
GE 1200	86.5	87.2	90.3	91.6	95.2	95.7	95.9	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9
GE 1000	86.5	87.2	90.3	91.6	95.4	95.9	96.2	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2
GE 900	86.5	87.2	90.3	91.6	95.7	96.2	96.4	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 800	87.2	88.0	91.1	92.6	96.7	97.2	97.4	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5
GE 700	87.5	88.3	91.3	92.9	96.9	97.4	97.7	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 600	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
GE 500	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
GE 400	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
GE 300	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	100.0	100.0
GE 200	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	100.0	100.0
GE 100	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	100.0	100.0
GE 000	88.3	89.0	92.1	93.6	97.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 392

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	48.2	48.5	48.5	48.6	48.7	48.7	48.7	48.8	48.9	49.1	49.1	49.3	49.4	49.5	49.5
GE 20000	50.4	50.5	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.2	51.3	51.4	51.6	51.6	51.7	51.7
GE 18000	53.4	53.5	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.1	54.3	54.3	54.6	54.6	54.7	54.7
GE 16000	54.3	54.4	54.7	54.7	54.8	54.9	54.9	55.0	55.0	55.1	55.3	55.3	55.6	55.6	55.7	55.7
GE 14000	57.0	57.0	57.3	57.3	57.4	57.5	57.6	57.6	57.6	57.8	57.9	58.0	58.2	58.2	58.3	58.3
GE 12000	61.0	61.1	61.4	61.4	61.5	61.6	61.7	61.7	61.7	61.9	62.0	62.1	62.3	62.3	62.4	62.4
GE 10000	66.7	66.8	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.5	67.7	67.7	67.9	67.9	68.0	68.0
GE 9000	68.5	68.6	68.8	68.9	69.0	69.0	69.1	69.2	69.2	69.3	69.5	69.5	69.8	69.8	69.9	69.9
GE 8000	72.3	72.4	72.7	72.8	72.9	73.0	73.1	73.1	73.2	73.3	73.5	73.5	73.7	73.8	73.8	73.8
GE 7000	73.9	74.0	74.2	74.3	74.5	74.5	74.6	74.7	74.7	74.8	75.0	75.0	75.3	75.3	75.4	75.4
GE 6000	75.7	75.9	76.3	76.4	76.6	76.7	76.8	76.9	76.9	77.0	77.2	77.2	77.5	77.5	77.6	77.6
GE 5000	78.4	78.6	79.4	79.5	80.1	80.2	80.3	80.4	80.4	80.6	80.8	80.8	81.0	81.1	81.1	81.1
GE 4500	79.2	79.5	80.3	80.4	81.0	81.1	81.3	81.4	81.4	81.5	81.7	81.8	82.0	82.0	82.1	82.1
GE 4000	80.5	80.8	81.8	82.0	82.7	82.8	83.0	83.1	83.2	83.3	83.5	83.5	83.8	83.8	83.9	83.9
GE 3500	81.3	81.6	82.7	83.1	83.7	83.9	84.1	84.2	84.3	84.4	84.6	84.6	84.9	84.9	85.0	85.0
GE 3000	82.9	83.2	84.5	84.9	86.0	86.3	86.7	87.0	87.0	87.2	87.4	87.4	87.6	87.7	87.7	87.7
GE 2500	83.8	84.1	85.5	85.9	87.2	87.5	88.2	88.5	88.6	88.8	89.0	89.0	89.3	89.3	89.4	89.4
GE 2000	84.9	85.2	86.9	87.4	88.9	89.4	90.4	91.0	91.1	91.5	91.7	91.7	92.0	92.0	92.1	92.1
GE 1800	85.2	85.5	87.1	87.7	89.4	89.8	91.0	91.6	91.8	92.3	92.5	92.5	92.8	92.8	92.9	92.9
GE 1500	85.7	86.0	87.9	88.5	90.6	91.1	92.6	93.6	93.8	94.6	94.9	94.9	95.2	95.3	95.4	95.4
GE 1200	86.1	86.4	88.4	89.2	91.4	92.0	93.8	95.0	95.2	96.2	96.6	96.6	97.0	97.1	97.2	97.2
GE 1000	86.2	86.5	88.5	89.3	91.8	92.4	94.4	95.6	95.9	97.1	97.5	97.5	98.0	98.0	98.1	98.1
GE 900	86.2	86.5	88.6	89.4	91.8	92.5	94.5	95.7	96.0	97.2	97.6	97.7	98.2	98.2	98.3	98.3
GE 800	86.4	86.8	88.8	89.6	92.1	92.8	94.8	96.0	96.3	97.6	98.0	98.1	98.6	98.6	98.7	98.7
GE 700	86.6	87.0	89.0	89.9	92.4	93.0	95.1	96.3	96.6	98.0	98.4	98.5	99.0	99.1	99.2	99.2
GE 600	86.8	87.2	89.2	90.1	92.7	93.3	95.3	96.6	96.9	98.2	98.7	98.8	99.4	99.5	99.7	99.7
GE 500	86.9	87.2	89.3	90.2	92.8	93.4	95.5	96.7	97.1	98.4	98.9	99.0	99.5	99.7	99.9	99.9
GE 400	86.9	87.2	89.3	90.2	92.8	93.5	95.5	96.8	97.1	98.4	98.9	99.0	99.6	99.8	100.0	100.0
GE 300	86.9	87.2	89.3	90.2	92.8	93.5	95.5	96.8	97.1	98.4	98.9	99.0	99.6	99.8	100.0	100.0
GE 200	86.9	87.2	89.3	90.2	92.8	93.5	95.5	96.8	97.1	98.4	98.9	99.0	99.6	99.8	100.0	100.0
GE 100	86.9	87.2	89.3	90.2	92.8	93.5	95.5	96.8	97.1	98.4	98.9	99.0	99.6	99.8	100.0	100.0
GE 000	86.9	87.2	89.3	90.2	92.8	93.5	95.5	96.8	97.1	98.4	98.9	99.0	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4546

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

D - 2 - 20

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	81.8	82.0	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	83.7	83.8	84.0	84.0	84.3	84.3	84.3	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	84.5	84.6	84.7	84.7	85.1	85.1	85.1	85.2	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	86.1	86.2	86.3	86.5	87.1	87.1	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	86.6	86.8	87.1	87.2	87.8	87.8	88.1	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	87.8	88.1	88.6	88.8	89.7	89.7	90.0	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	88.8	89.1	89.8	90.4	91.2	91.2	92.0	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	90.0	90.2	91.1	91.7	93.2	93.6	94.6	95.0	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	90.1	90.4	91.2	91.9	93.4	93.7	94.7	95.1	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	90.6	90.9	92.2	92.9	94.6	95.1	96.2	96.6	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	90.9	91.1	92.5	93.2	95.2	95.7	97.1	97.7	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	91.1	91.4	92.7	93.5	95.5	96.0	97.6	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	91.1	91.4	92.7	93.5	95.5	96.0	97.6	98.2	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	91.2	91.5	92.9	93.6	95.6	96.1	97.7	98.4	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.9
GE 500	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.9	100.0
GE 400	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.9	100.0
GE 300	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.9	100.0
GE 200	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.9	100.0
GE 100	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.9	100.0
GE 000	91.2	91.5	92.9	93.6	95.7	96.4	98.0	98.6	98.7	99.5	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	65.5	65.5	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	69.7	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	73.0	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	77.1	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	78.7	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	81.0	81.0	81.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 7000	81.9	81.9	82.2	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	85.1	85.1	85.5	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	85.7	85.7	86.4	86.5	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	86.6	86.6	87.4	87.5	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	87.9	87.9	88.7	88.8	89.4	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	88.4	88.4	89.2	89.4	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	89.4	89.5	90.3	90.5	91.4	91.8	92.0	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	90.8	90.9	91.7	92.0	93.1	93.6	93.8	94.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	91.7	91.8	92.7	93.0	94.2	94.9	95.1	95.4	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	92.3	92.4	93.2	93.6	94.8	95.4	95.6	96.1	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	92.6	92.7	93.9	94.2	95.5	96.2	96.6	97.2	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	92.9	93.0	94.2	94.5	95.9	96.5	96.9	97.5	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	93.2	93.3	94.5	94.9	96.2	96.8	97.4	98.0	98.3	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	93.2	93.3	94.5	94.9	96.2	96.8	97.4	98.0	98.3	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	93.2	93.3	94.5	95.0	96.3	96.9	97.5	98.4	98.6	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 400	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 300	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 200	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	93.2	93.3	94.5	95.0	96.5	97.3	97.8	98.7	98.9	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 12000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 7000	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 6000	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 5000	89.3	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	89.7	89.8	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	90.6	90.7	90.9	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	91.2	91.3	91.6	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	92.2	92.3	92.7	92.7	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	93.8	93.9	94.4	94.4	94.6	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	94.9	95.0	95.7	95.7	95.9	96.1	96.6	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	95.0	95.1	95.8	95.8	96.0	96.2	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	95.4	95.6	96.2	96.2	96.5	96.7	97.5	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 1200	95.7	95.8	96.5	96.5	97.1	97.3	98.2	98.7	98.9	99.0	99.1	99.1	99.5	99.5	99.5	99.5
GE 1000	95.7	95.8	96.7	96.7	97.3	97.5	98.4	98.9	99.1	99.2	99.3	99.3	99.7	99.7	99.7	99.7
GE 900	95.7	95.8	96.7	96.7	97.3	97.5	98.4	98.9	99.1	99.2	99.3	99.3	99.7	99.7	99.7	99.7
GE 800	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 700	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 600	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	95.7	95.8	96.9	96.9	97.5	97.7	98.7	99.2	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	83.0	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	84.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 7000	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4500	90.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	91.8	91.9	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	92.6	92.8	93.5	93.7	93.9	94.2	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	93.4	93.6	94.2	94.6	95.0	95.3	95.9	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	93.6	93.8	94.5	94.8	95.3	95.8	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	94.3	94.6	95.2	95.5	96.4	97.0	97.6	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	94.8	95.1	95.9	96.2	97.1	97.7	98.4	98.6	98.8	99.2	99.3	99.3	99.6	99.6	99.6	99.6
GE 1000	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 900	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 800	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	95.0	95.3	96.1	96.4	97.3	97.9	98.6	98.8	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	84.0	84.0	84.2	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	85.5	85.5	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	88.5	88.8	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	89.9	90.3	90.5	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	90.5	90.8	91.0	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4000	90.7	91.0	91.2	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	91.5	91.8	92.0	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	92.0	92.3	92.6	92.7	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	93.3	93.6	93.9	94.0	94.5	94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	93.8	94.1	94.5	94.6	95.3	95.5	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	94.2	94.5	95.0	95.1	95.7	95.9	96.7	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.1	95.4	95.8	96.1	96.8	97.0	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	95.1	95.4	95.8	96.1	96.8	97.0	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.1	95.4	95.8	96.1	96.8	97.2	98.2	98.6	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	95.4	95.8	96.1	96.8	97.3	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 913

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 20000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 9000	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	82.6	82.6	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	84.7	84.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	86.8	87.1	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 5000	89.4	89.6	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	89.4	89.6	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	89.4	89.6	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	90.1	90.8	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	91.1	91.8	92.7	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	92.2	92.9	93.9	93.9	95.1	95.1	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	92.2	92.9	94.1	94.4	95.5	95.5	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	92.5	93.2	94.4	94.6	95.8	95.8	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	93.2	93.9	95.1	95.3	96.5	97.2	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	93.4	94.1	95.3	95.5	97.2	97.9	98.4	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	93.4	94.1	95.3	95.5	97.2	97.9	98.4	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	93.4	94.1	95.3	95.5	97.2	97.9	98.4	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	93.4	94.1	95.5	95.8	97.4	98.1	98.6	98.6	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	93.4	94.1	95.5	95.8	97.4	98.1	98.6	98.6	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.4	94.1	95.5	95.8	97.4	98.1	99.1	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 425

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 12000	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 10000	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	82.9	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	84.3	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	86.9	87.0	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000	88.0	88.1	88.5	88.5	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 4500	88.5	88.7	89.0	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4000	89.3	89.4	89.8	89.9	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	89.9	90.0	90.4	90.5	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	90.8	91.0	91.5	91.6	92.2	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	92.0	92.2	92.8	93.0	93.7	93.9	94.3	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	92.8	93.0	93.8	94.0	94.8	95.2	95.7	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	93.1	93.3	94.0	94.3	95.1	95.5	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	93.7	93.9	94.8	95.1	96.1	96.5	97.3	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	93.9	94.2	95.1	95.4	96.5	97.0	97.8	98.2	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	94.0	94.3	95.3	95.6	96.7	97.2	98.1	98.5	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 900	94.0	94.3	95.3	95.6	96.7	97.2	98.1	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 800	94.1	94.3	95.3	95.7	96.8	97.3	98.2	98.7	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 700	94.1	94.3	95.3	95.7	96.9	97.4	98.3	98.8	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 500	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 400	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	94.1	94.3	95.3	95.7	96.9	97.4	98.4	98.9	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 20000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 18000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 16000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 14000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 12000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 10000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 8000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 7000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 6000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4500	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 60

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
GE 20000	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9
GE 18000	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4
GE 16000	59.9	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 14000	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.8
GE 12000	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3
GE 10000	69.2	69.2	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 9000	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 8000	74.8	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 7000	77.7	77.7	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4
GE 6000	80.5	80.6	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3
GE 5000	83.8	83.9	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
GE 4500	85.1	85.3	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 4000	86.3	86.5	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3
GE 3500	87.0	87.1	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
GE 3000	88.6	88.7	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 2500	90.2	90.3	91.0	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 2000	91.2	91.4	92.0	92.3	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4
GE 1800	91.2	91.5	92.2	92.4	93.1	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 1500	92.0	92.3	93.0	93.4	94.3	94.7	94.7	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 1200	92.7	93.0	93.6	94.0	95.2	95.6	95.6	96.4	96.4	96.7	96.9	96.9	97.1	97.1	97.1	97.1
GE 1000	93.1	93.4	94.0	94.6	96.0	96.4	96.4	97.2	97.2	97.5	98.0	98.0	98.1	98.1	98.1	98.1
GE 900	93.4	93.6	94.3	95.0	96.4	96.8	96.8	97.6	97.6	98.0	98.5	98.5	98.7	98.7	98.7	98.7
GE 800	93.4	93.6	94.4	95.2	96.8	97.2	97.2	98.0	98.0	98.4	99.1	99.1	99.5	99.5	99.5	99.5
GE 700	93.4	93.6	94.4	95.2	96.8	97.2	97.2	98.0	98.0	98.4	99.1	99.1	99.5	99.5	99.5	99.5
GE 600	93.4	93.6	94.4	95.2	96.9	97.3	97.3	98.1	98.1	98.5	99.2	99.2	99.6	99.6	99.6	99.6
GE 500	93.4	93.6	94.4	95.2	96.9	97.3	97.3	98.1	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.7
GE 400	93.4	93.6	94.4	95.2	96.9	97.3	97.3	98.1	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.7
GE 300	93.5	93.8	94.7	95.5	97.2	97.6	97.6	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 200	93.5	93.8	94.7	95.5	97.2	97.6	97.6	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 100	93.5	93.8	94.7	95.5	97.2	97.6	97.6	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 000	93.5	93.8	94.7	95.5	97.2	97.6	97.6	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 753

D - 2 - 30

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	81.0	81.0	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	82.9	82.9	82.9	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	85.1	85.1	85.2	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	85.8	85.8	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	86.5	86.5	86.6	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	87.2	87.2	87.3	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	89.1	89.1	89.2	89.4	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	89.9	89.9	90.1	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	91.7	91.7	91.9	92.1	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	92.0	92.0	92.2	92.5	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	92.8	92.8	93.4	93.6	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	94.2	94.2	94.7	94.9	95.6	95.7	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	94.6	94.6	95.2	95.4	96.9	97.1	97.5	97.6	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	94.6	94.6	95.2	95.4	96.9	97.1	97.8	98.0	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	94.8	94.8	95.5	95.7	97.2	97.4	98.1	98.3	98.4	99.1	99.2	99.2	99.2	99.3	99.4	99.4
GE 700	94.8	94.8	95.5	95.7	97.2	97.4	98.1	98.3	98.4	99.1	99.2	99.2	99.2	99.3	99.4	99.4
GE 600	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.7	99.8	99.8	99.8
GE 500	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.8	99.9	100.0	100.0
GE 400	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.8	99.9	100.0	100.0
GE 300	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.8	99.9	100.0	100.0
GE 200	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.8	99.9	100.0	100.0
GE 100	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.8	99.9	100.0	100.0
GE 000	94.8	94.8	95.5	95.7	97.3	97.6	98.3	98.7	98.8	99.4	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 6000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	90.7	90.7	90.8	90.8	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	92.1	92.1	92.2	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	93.6	93.6	93.8	93.9	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	94.1	94.1	94.2	94.3	94.3	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	95.4	95.4	95.5	95.8	95.8	95.9	96.3	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	96.3	96.3	96.4	96.7	96.7	96.9	97.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	96.3	96.3	96.7	96.9	96.9	97.1	97.5	98.0	98.0	98.7	98.9	98.9	98.9	99.0	99.0	99.0
GE 900	96.3	96.3	96.7	96.9	96.9	97.1	97.5	98.0	98.0	98.7	98.9	98.9	98.9	99.0	99.0	99.0
GE 800	96.4	96.4	96.9	97.2	97.2	97.4	97.9	98.3	98.3	99.1	99.3	99.3	99.3	99.4	99.6	99.6
GE 700	96.4	96.4	96.9	97.2	97.2	97.4	97.9	98.3	98.3	99.1	99.3	99.3	99.3	99.4	99.7	99.7
GE 600	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0
GE 500	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0
GE 400	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0
GE 300	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0
GE 200	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0
GE 100	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	96.4	96.4	96.9	97.2	97.5	97.8	98.2	98.7	98.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1
GE 20000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9	57.9
GE 18000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 16000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1
GE 14000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
GE 12000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6
GE 10000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 9000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2
GE 8000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 7000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
GE 6000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
GE 5000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 4500	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5
GE 4000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6
GE 3500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8
GE 3000	91.7	91.7	91.8	92.0	92.0	92.1	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 2500	92.8	92.8	92.9	93.2	93.2	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
GE 2000	94.6	94.6	94.8	95.0	95.0	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9
GE 1800	94.6	94.6	94.8	95.0	95.0	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9
GE 1500	95.1	95.1	95.4	95.6	95.6	95.7	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6
GE 1200	95.4	95.4	95.6	95.9	96.0	96.2	96.5	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.6	97.6
GE 1000	96.1	96.1	96.3	96.6	96.8	97.2	97.6	97.9	98.3	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 900	96.1	96.1	96.3	96.6	96.8	97.2	97.6	97.9	98.3	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 800	96.2	96.2	96.5	96.7	97.0	97.3	97.7	98.1	98.4	98.9	99.1	99.1	99.5	99.5	99.6	99.6
GE 700	96.2	96.2	96.5	96.7	97.1	97.4	97.8	98.2	98.5	99.0	99.3	99.3	99.6	99.6	99.8	99.8
GE 600	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0
GE 500	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0
GE 400	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0
GE 300	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0
GE 200	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0
GE 100	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0
GE 000	96.2	96.2	96.5	96.7	97.2	97.6	97.9	98.3	98.7	99.1	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	90.9	90.9	91.2	91.2	91.8	91.8	92.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	92.0	92.0	92.4	92.4	93.1	93.1	93.3	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	93.4	93.4	94.0	94.0	94.7	94.7	95.0	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	94.0	94.0	94.5	94.5	95.2	95.2	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	94.7	94.7	95.2	95.2	96.0	96.0	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	94.7	94.7	95.4	95.4	96.3	96.4	96.7	97.2	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	95.0	95.0	95.6	95.6	96.7	96.8	97.0	97.7	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	95.1	95.1	95.8	95.8	96.8	96.9	97.2	97.8	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	95.1	95.2	95.9	95.9	96.9	97.0	97.3	97.9	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	95.2	95.4	96.0	96.0	97.0	97.2	97.4	98.1	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 777

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 7000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	91.2	91.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	92.9	92.9	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	93.6	93.6	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	93.9	93.9	94.9	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	94.9	94.9	95.9	95.9	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	95.3	95.3	96.3	96.3	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	95.3	95.3	96.3	96.3	97.6	97.6	98.0	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3
GE 900	95.3	95.3	96.3	96.3	97.6	97.6	98.0	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3
GE 800	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7
GE 700	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7
GE 600	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	95.3	95.3	96.3	96.3	98.0	98.0	98.3	98.6	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 296

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
GE 12000	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 7000	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	82.5	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
GE 5000	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	87.1	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 3500	88.0	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	90.3	90.3	90.6	90.7	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	91.6	91.6	91.9	92.1	92.3	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	93.0	93.1	93.4	93.6	93.9	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	93.3	93.4	93.7	93.9	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 1500	94.2	94.2	94.6	94.8	95.3	95.5	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	94.8	94.8	95.3	95.5	96.1	96.3	96.6	97.0	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 1000	95.1	95.2	95.7	95.9	96.7	97.0	97.3	97.8	97.9	98.4	98.6	98.6	98.7	98.7	98.8	98.8
GE 900	95.2	95.2	95.7	96.0	96.8	97.1	97.4	97.9	98.1	98.6	98.8	98.8	98.9	98.9	98.9	98.9
GE 800	95.3	95.3	95.9	96.2	97.1	97.3	97.7	98.2	98.4	99.0	99.2	99.2	99.4	99.5	99.5	99.5
GE 700	95.3	95.4	95.9	96.2	97.1	97.4	97.7	98.2	98.4	99.0	99.3	99.3	99.5	99.6	99.6	99.6
GE 600	95.3	95.4	95.9	96.2	97.3	97.5	97.9	98.4	98.6	99.2	99.6	99.6	99.8	99.8	99.9	99.9
GE 500	95.3	95.4	95.9	96.2	97.3	97.5	97.9	98.4	98.6	99.2	99.6	99.6	99.8	99.9	99.9	99.9
GE 400	95.3	95.4	95.9	96.2	97.3	97.5	97.9	98.4	98.6	99.2	99.6	99.6	99.8	99.9	100.0	100.0
GE 300	95.3	95.4	96.0	96.3	97.3	97.6	97.9	98.4	98.7	99.2	99.6	99.6	99.9	99.9	100.0	100.0
GE 200	95.3	95.4	96.0	96.3	97.3	97.6	97.9	98.4	98.7	99.2	99.6	99.6	99.9	99.9	100.0	100.0
GE 100	95.3	95.4	96.0	96.3	97.3	97.6	97.9	98.4	98.7	99.2	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	95.3	95.4	96.0	96.3	97.3	97.6	97.9	98.4	98.7	99.2	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4498

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 20000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 10000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 14000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	58.9	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	63.8	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	65.0	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	69.3	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	76.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	77.3	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	79.1	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	85.3	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	90.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	92.0	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	95.7	95.7	96.3	96.3	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	95.7	95.7	96.3	96.3	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	95.7	95.7	96.3	96.3	96.9	96.9	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	95.7	95.7	96.3	96.3	96.9	96.9	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	95.7	95.7	96.3	96.3	96.9	96.9	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	95.7	95.7	96.3	96.3	96.9	96.9	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	99.4	99.4
GE 100	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	99.4	99.4	99.4	99.4	100.0	100.0
GE 000	95.7	95.7	96.3	96.3	96.9	96.9	98.2	98.2	98.2	98.8	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 163

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 16000	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 9000	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	83.9	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	85.7	85.7	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	88.5	88.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	90.5	90.5	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	92.0	92.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	92.0	92.0	92.3	92.4	92.5	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	93.6	93.8	94.2	94.3	94.4	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	94.2	94.3	95.1	95.2	95.4	95.5	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	95.4	95.5	96.4	96.5	97.0	97.1	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	95.4	95.5	96.4	96.5	97.1	97.2	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	95.4	95.5	96.4	96.5	97.1	97.2	98.0	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	95.8	95.9	96.8	96.9	97.4	97.5	98.3	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	95.9	96.0	96.9	97.0	97.5	97.7	98.4	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	95.9	96.0	96.9	97.0	97.5	97.7	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	95.9	96.0	96.9	97.0	97.5	97.7	98.4	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.6	99.6
GE 300	95.9	96.0	96.9	97.0	97.5	97.7	98.4	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.6	99.6
GE 200	95.9	96.1	97.0	97.1	97.7	97.8	98.6	98.8	98.9	99.2	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	95.9	96.1	97.0	97.1	97.7	97.8	98.6	98.8	98.9	99.2	99.6	99.6	99.7	99.7	100.0	100.0
GE 000	95.9	96.1	97.0	97.1	97.7	97.8	98.6	98.8	98.9	99.2	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 16000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4500	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.5	88.8	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	90.5	90.7	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	92.7	92.9	93.1	93.2	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	93.1	93.3	93.6	93.7	93.9	93.9	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	95.3	95.6	96.2	96.4	97.1	97.1	97.2	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	95.5	95.9	96.4	96.6	97.4	97.4	97.7	98.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	95.5	95.9	96.5	96.7	97.6	97.6	97.9	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	95.5	95.9	96.5	96.7	97.7	97.7	98.0	98.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.5	95.9	96.5	96.7	97.7	97.7	98.0	98.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.6	96.0	96.6	96.8	97.8	97.8	98.1	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.6	96.0	96.6	96.8	97.8	97.8	98.1	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.6	96.0	96.6	96.8	97.8	97.8	98.1	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.6	96.0	96.6	96.8	97.8	97.8	98.1	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.6	96.0	96.6	96.8	97.8	97.8	98.1	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.6	96.0	96.6	96.8	97.8	97.8	98.1	98.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 20000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 18000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 14000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 12000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 9000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 7000	62.0	62.0	62.0	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	74.8	74.8	74.8	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4500	79.1	79.1	79.1	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	83.5	83.5	83.7	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	86.5	86.5	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	90.3	90.3	90.4	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	91.8	91.8	91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	94.3	94.3	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	94.3	94.3	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	96.1	96.1	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	96.5	96.5	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	97.6	97.6	98.1	98.2	98.3	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	97.6	97.6	98.1	98.2	98.3	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	97.7	97.7	98.2	98.3	98.6	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	97.7	97.7	98.2	98.3	98.6	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	97.7	97.7	98.2	98.4	98.9	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.8	97.8	98.4	98.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.8	97.8	98.4	98.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	97.8	98.4	98.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	97.8	98.4	98.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	97.8	98.4	98.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	97.8	98.4	98.6	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 18000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 16000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 12000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 9000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	97.6	97.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	98.5	98.5	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	98.5	98.5	98.6	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	98.5	98.5	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.5	98.5	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	98.5	98.5	98.8	99.2	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 18000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 16000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 14000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 6000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	97.2	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	97.8	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	98.4	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 300	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 200	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 100	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 852

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	74.2	74.2	74.2	74.2	74.2	75.0	75.0	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	78.8	78.8	78.8	78.8	78.8	79.5	79.5	79.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	82.6	82.6	82.6	83.3	83.3	84.1	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	84.8	84.8	84.8	85.6	85.6	86.4	86.4	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	86.4	86.4	86.4	87.1	87.1	87.9	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	90.2	90.2	90.2	90.9	90.9	91.7	91.7	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	90.2	90.2	90.2	90.9	90.9	91.7	91.7	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	91.7	91.7	91.7	92.4	92.4	93.2	93.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	94.7	94.7	94.7	95.5	95.5	96.2	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	94.7	94.7	94.7	95.5	95.5	96.2	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	95.5	95.5	95.5	96.2	96.2	97.0	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	96.2	96.2	96.2	97.0	97.0	97.7	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.2	96.2	97.0	97.7	97.7	98.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 132

D - 2 - 44

OPERATING LOCATION "A"
USAFETAC, AHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 18000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 12000	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 5000	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	84.8	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	90.2	90.3	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	91.9	92.0	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	93.9	93.9	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	95.3	95.4	95.6	95.7	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	95.8	95.9	96.3	96.4	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	97.0	97.1	97.6	97.8	98.0	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	97.0	97.1	97.7	97.9	98.2	98.3	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	97.1	97.2	97.8	98.0	98.4	98.5	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	97.2	97.3	97.8	98.1	98.4	98.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	97.2	97.3	97.9	98.1	98.6	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.3	97.4	97.9	98.2	98.6	98.7	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.3	97.4	97.9	98.2	98.6	98.7	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	97.3	97.4	97.9	98.2	98.6	98.7	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	97.3	97.4	97.9	98.2	98.6	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	97.3	97.4	97.9	98.2	98.6	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	97.3	97.4	97.9	98.2	98.6	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4770

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 20000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 18000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 16000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 14000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 10000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 8000	58.6	58.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	68.0	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	69.2	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	72.8	72.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	75.1	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	80.5	80.5	81.1	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	85.2	85.2	86.4	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	86.4	86.4	87.6	88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	87.0	87.0	88.8	89.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	90.5	90.5	92.3	93.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	91.1	91.1	92.9	94.1	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	91.7	91.7	93.5	94.7	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	91.7	91.7	94.1	95.3	97.6	97.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	91.7	91.7	94.1	95.3	97.6	97.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	91.7	91.7	94.1	95.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.3	92.3	94.7	96.4	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 169

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1
GE 20000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
GE 18000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9
GE 16000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8
GE 14000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3
GE 12000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.8
GE 10000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9
GE 9000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
GE 8000	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
GE 7000	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 6000	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 5000	72.2	72.2	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
GE 4500	72.9	72.9	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7
GE 4000	75.6	75.6	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
GE 3500	78.2	78.2	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
GE 3000	82.1	82.1	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
GE 2500	84.3	84.3	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
GE 2000	87.2	87.2	88.3	88.5	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 1800	87.9	87.9	89.1	89.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6
GE 1500	89.9	89.9	91.6	92.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 1200	90.6	90.6	92.4	93.1	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 1000	91.7	91.8	93.8	94.8	96.4	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 900	91.7	91.9	94.0	95.1	96.9	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 800	91.8	92.0	94.2	95.2	97.3	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 700	91.9	92.1	94.4	95.5	97.6	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7
GE 600	92.4	92.6	94.9	96.1	98.2	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 500	92.8	93.0	95.4	96.5	98.7	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 400	92.8	93.0	95.4	96.5	98.7	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0
GE 300	92.8	93.0	95.4	96.5	98.7	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0
GE 200	92.8	93.0	95.4	96.5	98.7	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0
GE 100	92.8	93.0	95.4	96.5	98.7	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	92.8	93.0	95.4	96.5	98.7	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

D - 2 - 48

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	44.1	44.1	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 18000	45.7	45.7	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	46.7	46.7	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	47.7	47.7	47.9	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	50.5	50.5	50.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	53.2	53.2	53.4	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 9000	56.3	56.3	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	60.8	60.8	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	62.6	62.6	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 6000	65.8	65.8	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	70.0	70.0	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4500	71.4	71.4	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	75.0	75.0	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	77.6	77.6	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	82.8	82.8	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	85.7	85.7	86.2	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	87.8	87.8	88.4	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	88.4	88.4	88.9	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	90.9	90.9	91.5	91.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	91.8	91.8	92.6	93.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	93.3	93.3	94.4	95.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	93.5	93.5	94.6	95.5	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	94.0	94.0	95.1	96.1	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	94.0	94.0	95.1	96.1	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	94.4	94.4	95.6	96.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.5	94.5	95.9	96.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.5	94.5	95.9	96.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.5	94.5	95.9	96.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.5	94.5	95.9	96.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.5	94.5	95.9	96.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.5	94.5	95.9	96.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	37.7	37.8	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 18000	40.5	40.6	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	41.7	41.8	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	42.7	42.8	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 12000	45.4	45.5	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 10000	48.5	48.7	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 9000	51.0	51.1	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	56.6	56.7	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000	58.3	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000	61.9	62.0	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000	68.9	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	71.0	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	76.9	77.0	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	81.2	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	87.0	87.1	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	89.6	89.7	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	91.9	92.0	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	92.4	92.6	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	93.4	93.6	93.9	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	94.2	94.4	94.8	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	95.5	95.7	96.2	96.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	95.5	95.7	96.2	96.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	95.5	95.7	96.4	97.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	95.5	95.7	96.6	97.5	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	95.6	95.9	97.1	98.1	99.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.6	95.9	97.1	98.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.6	95.9	97.1	98.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.6	95.9	97.1	98.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.6	95.9	97.1	98.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.6	95.9	97.1	98.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.6	95.9	97.1	98.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.8	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 20000	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 18000	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	37.9	37.9	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	40.3	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 10000	44.6	44.6	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 8000	52.7	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 6000	61.6	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 5000	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	93.2	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	95.3	95.3	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	95.3	95.3	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	96.0	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	96.6	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	97.4	97.4	97.8	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	97.4	97.4	97.8	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	97.5	97.5	98.1	98.2	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	97.5	97.5	98.1	98.2	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	97.5	97.6	98.3	98.4	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.5	97.6	98.3	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	97.6	98.3	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	97.6	98.3	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	97.6	98.3	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	97.6	98.3	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	97.6	98.3	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 20000	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 18000	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 14000	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 12000	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 9000	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 8000	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 6000	69.0	69.0	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	77.6	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	79.8	79.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	84.6	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	87.3	87.4	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	90.9	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	93.8	94.0	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	95.2	95.4	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	95.2	95.4	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	95.9	96.1	97.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	96.8	97.1	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.8	97.1	98.4	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.8	97.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.8	97.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	96.8	97.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.8	97.1	98.4	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 872

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.7	37.7	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 20000	43.4	43.4	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 18000	45.9	45.9	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000	45.9	45.9	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	47.5	47.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 12000	50.8	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	52.5	52.5	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	57.4	57.4	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	63.9	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	69.7	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	77.0	77.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	82.8	82.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	84.4	84.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	86.1	86.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	87.7	87.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	90.2	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	92.6	92.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	95.1	95.1	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	95.1	95.1	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	97.5	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 122

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2
GE 18000	41.0	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 16000	41.9	41.9	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 14000	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	46.0	46.0	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 10000	49.7	49.7	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	58.1	58.1	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 7000	60.5	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	65.4	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	72.1	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	73.8	73.8	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	78.4	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	81.7	81.8	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	86.3	86.3	86.7	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	89.2	89.3	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	91.4	91.4	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 1800	91.7	91.8	92.5	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	93.1	93.2	94.0	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	94.0	94.1	95.0	95.4	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
GE 1000	94.9	95.0	96.1	96.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	94.9	95.1	96.2	96.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	95.0	95.2	96.4	97.0	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	95.1	95.2	96.5	97.2	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	95.3	95.4	96.8	97.6	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.4	95.5	97.0	97.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	95.4	95.5	97.0	97.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	95.4	95.5	97.0	97.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.4	95.5	97.0	97.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.4	95.5	97.0	97.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.4	95.5	97.0	97.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4715

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 8000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 7000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 6000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 5000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4500	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.6	32.6	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.7	33.7
GE 20000	34.8	34.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.8	35.8
GE 18000	35.8	35.8	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.9	36.9
GE 16000	35.8	35.8	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.9	36.9
GE 14000	36.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.4	37.4
GE 12000	38.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	39.0	39.0
GE 10000	43.9	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.9	44.9
GE 9000	47.6	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.7	48.7
GE 8000	52.4	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.5	53.5
GE 7000	54.5	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.6	55.6
GE 6000	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.0	62.0
GE 5000	71.1	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.2	72.2
GE 4500	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.4	75.4
GE 4000	77.5	77.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.1	79.1
GE 3500	82.9	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.5	84.5
GE 3000	89.3	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.9	90.9
GE 2500	91.4	91.4	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.6	93.6
GE 2000	92.0	92.0	93.0	93.0	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.1	94.1
GE 1800	92.5	92.5	93.6	93.6	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.2	95.2
GE 1500	93.0	93.0	94.1	94.1	94.7	95.2	95.2	95.2	95.2	95.2	95.7	95.7	95.7	95.7	96.3	96.3
GE 1200	95.2	95.2	96.3	96.3	96.8	97.3	97.3	97.3	97.3	97.3	97.9	97.9	97.9	97.9	98.4	98.4
GE 1000	95.7	95.7	96.8	96.8	97.9	98.4	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.5	99.5
GE 900	95.7	95.7	96.8	96.8	97.9	98.4	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.5	99.5
GE 800	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 700	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 600	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 500	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 400	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 300	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 200	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 100	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0
GE 000	95.7	95.7	97.3	97.3	98.4	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7
GE 20000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4	35.4
GE 18000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
GE 16000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5
GE 14000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8	36.8
GE 12000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6
GE 10000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
GE 9000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0
GE 8000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8
GE 7000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8
GE 6000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
GE 5000	67.1	67.1	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 4500	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
GE 4000	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
GE 3500	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
GE 3000	84.5	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
GE 2500	88.0	88.0	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.9	88.9
GE 2000	90.7	90.8	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.7
GE 1800	91.4	91.5	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.3	92.3
GE 1500	92.6	92.8	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.7	93.7
GE 1200	93.8	93.9	94.2	94.3	94.5	94.5	94.6	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.1	95.1
GE 1000	94.8	94.9	95.1	95.2	95.5	95.5	95.6	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.1	96.1
GE 900	94.9	95.0	95.4	95.5	95.9	95.9	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.5	96.5
GE 800	95.6	95.8	96.2	96.3	96.9	97.0	97.1	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.6	97.6
GE 700	95.9	96.1	96.6	96.8	97.4	97.6	97.7	97.9	98.2	98.3	98.5	98.5	98.5	98.5	98.6	98.6
GE 600	96.2	96.4	97.1	97.3	98.1	98.3	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.4	99.4
GE 500	96.2	96.4	97.1	97.3	98.1	98.3	98.6	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6
GE 400	96.2	96.4	97.1	97.3	98.1	98.3	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.8
GE 300	96.2	96.4	97.1	97.3	98.1	98.3	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
GE 200	96.2	96.4	97.1	97.3	98.1	98.3	98.6	98.9	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 100	96.2	96.4	97.1	97.3	98.1	98.3	98.6	98.9	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	96.2	96.4	97.1	97.3	98.1	98.3	98.6	98.9	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	36.8	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 20000	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 16000	41.5	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 14000	42.5	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 12000	43.9	43.9	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 10000	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 9000	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 7000	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 6000	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 5000	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	87.0	87.2	87.6	87.6	87.7	87.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	88.7	89.1	89.4	89.4	89.5	89.6	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	89.1	89.4	89.7	89.7	89.9	90.0	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	90.3	90.6	90.9	91.0	91.3	91.5	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	92.1	92.4	92.9	93.0	93.3	93.4	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	93.8	94.3	94.7	94.8	95.2	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	94.0	94.6	95.0	95.1	95.9	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	94.7	95.2	95.7	95.8	96.9	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	95.2	95.8	96.2	96.3	97.6	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	95.9	96.4	97.0	97.1	98.7	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.2	96.8	97.4	97.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.3	96.9	97.5	97.6	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	96.9	97.5	97.6	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	96.9	97.5	97.6	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	96.9	97.5	97.6	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	96.9	97.5	97.6	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

D - 2 - 58

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.0	34.0	34.0	34.0	34.0	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 20000	38.0	38.0	38.0	38.0	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	40.3	40.3	40.3	40.3	40.3	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 16000	40.6	40.6	40.6	40.6	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	42.7	42.7	42.7	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 12000	46.7	46.7	46.7	46.7	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 10000	50.8	50.8	50.8	50.8	50.8	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 9000	53.1	53.1	53.1	53.1	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	57.3	57.3	57.3	57.3	57.3	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	59.9	59.9	59.9	59.9	59.9	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 6000	63.5	63.5	63.5	63.5	63.5	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 5000	68.6	68.6	68.6	68.6	68.6	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	71.4	71.4	71.4	71.4	71.4	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	75.9	75.9	75.9	75.9	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	79.3	79.3	79.3	79.3	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	85.5	85.5	85.6	85.6	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	88.6	88.6	88.8	88.8	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	89.5	89.5	89.7	89.7	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	89.7	89.7	89.9	89.9	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	93.3	93.3	93.7	93.7	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	95.0	95.0	95.5	95.5	95.8	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	96.2	96.2	97.1	97.1	97.3	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	96.5	96.6	97.6	97.6	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	96.6	96.7	97.7	97.8	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.7	96.9	97.9	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.0	97.1	98.2	98.3	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.0	97.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.0	97.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.0	97.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.0	97.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	97.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	97.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.5	30.5	30.6	30.6	30.8	30.8	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 20000	33.9	33.9	34.0	34.0	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 18000	36.1	36.1	36.2	36.2	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	37.3	37.3	37.4	37.4	37.6	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 14000	38.8	38.8	38.9	38.9	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 12000	42.9	42.9	43.0	43.0	43.2	43.2	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 10000	48.6	48.6	48.7	48.7	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	52.0	52.0	52.1	52.1	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 8000	56.6	56.6	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000	59.3	59.3	59.4	59.4	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	63.8	63.8	63.9	63.9	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	71.5	71.5	71.6	71.6	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	74.7	74.7	74.8	74.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	81.6	81.7	81.9	81.9	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	84.0	84.1	84.3	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	89.3	89.4	89.9	90.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	92.0	92.2	92.6	92.7	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	93.2	93.4	93.8	93.9	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	94.0	94.1	94.6	94.7	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	95.3	95.4	96.2	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	96.3	96.4	97.3	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	96.6	96.7	97.8	97.9	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	96.9	97.1	98.3	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	97.2	97.3	98.6	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	97.5	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 20000	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 18000	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 12000	42.0	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	48.4	48.4	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 9000	52.0	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 8000	57.0	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 7000	60.3	60.3	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	65.8	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	74.6	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	77.4	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	83.0	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
GE 3500	85.8	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 3000	90.9	90.9	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 2500	93.7	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
GE 2000	95.1	95.2	95.5	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 1800	95.5	95.7	96.0	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
GE 1500	96.6	96.7	97.1	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 1200	97.2	97.3	97.6	97.9	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 1000	97.6	97.7	98.0	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 900	97.8	97.9	98.4	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
GE 800	98.0	98.2	98.6	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 700	98.0	98.2	98.6	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 600	98.0	98.2	98.6	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	98.2	98.3	98.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	98.2	98.3	98.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	98.2	98.3	98.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	98.2	98.3	98.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	98.2	98.3	98.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	98.2	98.3	98.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 16000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 14000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 12000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 10000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 9000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 8000	52.3	52.3	52.3	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000	57.8	57.8	57.8	57.8	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	61.7	61.7	61.7	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	71.1	71.1	71.1	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	72.7	72.7	72.7	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	76.6	76.6	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	82.0	82.0	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	90.6	90.6	90.6	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	93.0	93.0	93.0	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	94.5	94.5	94.5	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	94.5	94.5	94.5	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	96.1	96.1	96.1	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	96.1	96.1	96.1	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	96.9	96.9	96.9	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	96.9	96.9	96.9	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	97.7	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 128

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	33.2	33.2	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	36.2	36.2	36.2	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5
GE 18000	37.9	37.9	38.0	38.0	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 16000	38.5	38.5	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8
GE 14000	39.7	39.7	39.8	39.8	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 12000	42.6	42.6	42.7	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 10000	47.8	47.8	47.9	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2
GE 9000	50.8	50.8	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
GE 8000	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000	63.1	63.1	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 5000	70.0	70.0	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	72.9	72.9	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 4000	77.6	77.6	77.8	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	81.0	81.0	81.2	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
GE 3000	86.6	86.7	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
GE 2500	90.0	90.1	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	91.6	91.7	92.0	92.1	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	92.0	92.1	92.5	92.6	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 1500	93.7	93.8	94.2	94.3	94.6	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	94.9	95.0	95.5	95.7	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5
GE 1000	95.8	96.0	96.6	96.7	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 900	96.1	96.2	96.9	97.1	97.6	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	96.4	96.6	97.4	97.6	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 700	96.7	96.9	97.6	97.9	98.7	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	96.9	97.1	97.9	98.2	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.0	97.2	98.1	98.3	99.2	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	97.0	97.2	98.1	98.4	99.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	97.0	97.2	98.1	98.4	99.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	97.0	97.2	98.1	98.4	99.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	97.0	97.2	98.1	98.4	99.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	97.0	97.2	98.1	98.4	99.2	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200											100.0	100.0	100.0	100.0	100.0	100.0
GE 1000											100.0	100.0	100.0	100.0	100.0	100.0
GE 900											100.0	100.0	100.0	100.0	100.0	100.0
GE 800											100.0	100.0	100.0	100.0	100.0	100.0
GE 700											100.0	100.0	100.0	100.0	100.0	100.0
GE 600											100.0	100.0	100.0	100.0	100.0	100.0
GE 500											100.0	100.0	100.0	100.0	100.0	100.0
GE 400											100.0	100.0	100.0	100.0	100.0	100.0
GE 300											100.0	100.0	100.0	100.0	100.0	100.0
GE 200											100.0	100.0	100.0	100.0	100.0	100.0
GE 100											100.0	100.0	100.0	100.0	100.0	100.0
GE 000											100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

D - 2 - 64

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.9
GE 20000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.9
GE 18000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.5
GE 16000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.5
GE 14000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	37.1
GE 12000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.3
GE 10000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.8
GE 9000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	50.0
GE 8000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	57.0
GE 7000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.8
GE 6000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	66.1
GE 5000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.4
GE 4500	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.7
GE 4000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.2
GE 3500	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	79.0
GE 3000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.8
GE 2500	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.6
GE 2000	88.2	88.2	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.2
GE 1800	88.7	88.7	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.8
GE 1500	90.3	90.3	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.9
GE 1200	93.0	93.0	94.1	94.1	94.6	94.6	94.6	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.7
GE 1000	93.5	93.5	94.6	94.6	95.2	95.2	95.2	95.2	95.7	96.2	96.2	96.2	96.2	96.2	96.2	97.3
GE 900	93.5	93.5	94.6	94.6	95.7	95.7	95.7	95.7	96.2	96.8	96.8	96.8	96.8	96.8	96.8	97.8
GE 800	93.5	93.5	95.7	95.7	96.8	96.8	96.8	96.8	97.3	97.8	97.8	97.8	97.8	97.8	97.8	98.9
GE 700	93.5	93.5	95.7	95.7	96.8	96.8	96.8	96.8	97.3	97.8	97.8	97.8	97.8	97.8	97.8	98.9
GE 600	93.5	93.5	95.7	95.7	96.8	96.8	96.8	96.8	97.3	97.8	97.8	97.8	97.8	97.8	97.8	98.9
GE 500	93.5	93.5	95.7	95.7	96.8	96.8	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	100.0
GE 400	93.5	93.5	95.7	95.7	96.8	96.8	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	100.0
GE 300	93.5	93.5	95.7	95.7	96.8	96.8	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	100.0
GE 200	93.5	93.5	95.7	95.7	96.8	96.8	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	100.0
GE 100	93.5	93.5	95.7	95.7	96.8	96.8	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	100.0
GE 000	93.5	93.5	95.7	95.7	96.8	96.8	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.3	30.4	30.6	30.6
GE 20000	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.8	32.9	33.0	33.2
GE 18000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7	34.0	34.1	34.2	34.3
GE 16000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	34.1	34.2	34.3	34.5
GE 14000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.8	35.9	36.0	36.1
GE 12000	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.4	39.5	39.7	39.8
GE 10000	44.1	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.7	44.9	45.0	45.1
GE 9000	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.6	47.7	47.8	47.9
GE 8000	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.4	52.5	52.7	52.8
GE 7000	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.6	55.7	55.8	55.9
GE 6000	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.2	60.3	60.7	60.8
GE 5000	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	66.0	66.1	66.4	66.5
GE 4500	67.6	67.6	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.5	68.7	69.0	69.1
GE 4000	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.8	72.0	72.4	72.5
GE 3500	73.8	73.8	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.6	74.9	75.2	75.3
GE 3000	77.1	77.1	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.3	78.5	78.9	79.0
GE 2500	80.2	80.3	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.3	81.3	81.3	81.6	81.8	82.1	82.2
GE 2000	83.5	83.6	84.2	84.3	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9	85.3	85.5	85.8	85.9
GE 1800	84.1	84.3	84.8	84.9	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	86.0	86.2	86.6	86.7
GE 1500	86.5	86.7	87.4	87.5	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.8	89.1	89.4	89.5
GE 1200	88.2	88.5	89.8	89.9	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.4	91.7	92.0	92.1
GE 1000	89.3	89.6	91.2	91.4	92.1	92.2	93.0	93.3	93.3	93.6	93.6	93.6	93.9	94.1	94.5	94.6
GE 900	89.3	89.6	91.3	91.5	92.4	92.5	93.3	93.6	93.6	93.9	94.0	94.0	94.4	94.6	94.9	95.0
GE 800	89.7	90.2	92.1	92.3	93.4	93.5	94.3	94.6	94.6	94.9	95.0	95.0	95.3	95.6	96.0	96.1
GE 700	90.0	90.7	92.8	93.1	94.1	94.4	95.1	95.6	95.6	95.9	96.0	96.0	96.3	96.5	97.0	97.1
GE 600	90.4	91.0	93.2	93.4	94.5	95.0	96.0	96.4	96.6	97.1	97.2	97.2	97.6	97.8	98.3	98.4
GE 500	90.4	91.0	93.2	93.4	94.7	95.2	96.3	96.7	97.0	97.4	97.5	97.5	97.9	98.2	98.6	98.7
GE 400	90.4	91.0	93.3	93.5	94.9	95.4	96.6	97.1	97.3	97.8	97.9	97.9	98.4	98.6	99.0	99.1
GE 300	90.4	91.0	93.3	93.5	94.9	95.4	96.6	97.1	97.3	97.9	98.2	98.2	98.6	98.8	99.2	99.3
GE 200	90.4	91.0	93.3	93.5	94.9	95.4	96.6	97.1	97.3	97.9	98.2	98.2	98.6	98.8	99.2	99.3
GE 100	90.4	91.0	93.3	93.5	94.9	95.4	96.6	97.1	97.3	97.9	98.2	98.2	98.7	98.9	99.5	99.7
GE 000	90.4	91.0	93.3	93.5	94.9	95.4	96.6	97.1	97.3	97.9	98.2	98.2	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 16000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 14000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 9000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 7000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 6000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	83.1	83.2	83.4	83.5	83.6	83.6	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	85.9	86.0	86.5	86.7	86.8	86.8	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	89.0	89.1	89.5	89.7	89.9	89.9	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	90.5	90.7	91.8	92.0	92.1	92.1	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	90.8	91.1	92.3	92.5	92.6	92.6	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	91.5	91.8	93.0	93.2	93.6	93.7	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	92.0	92.4	93.8	94.0	94.3	94.4	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	92.9	93.2	94.7	95.0	96.0	96.1	96.6	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	93.2	93.7	95.4	95.9	97.1	97.2	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	93.6	94.0	96.1	96.7	97.9	98.0	98.9	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	93.7	94.1	96.3	96.9	98.1	98.3	99.1	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	93.7	94.1	96.3	96.9	98.1	98.3	99.1	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	93.7	94.1	96.3	96.9	98.1	98.3	99.1	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 000	93.7	94.1	96.3	96.9	98.1	98.3	99.1	99.3	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 16000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 14000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 10000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 8000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	94.8	94.9	95.2	95.4	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	95.2	95.3	95.7	96.0	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	96.2	96.3	96.7	97.1	97.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	96.9	97.1	97.6	98.0	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	97.3	97.4	98.3	98.7	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.5	97.6	98.5	98.9	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	97.6	98.5	98.9	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	97.6	98.5	98.9	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	97.6	98.5	98.9	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	97.6	98.5	98.9	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	97.6	98.5	98.9	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 20000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 18000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 10000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 9000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 8000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	97.2	97.2	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	97.4	97.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	97.5	97.5	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	97.6	97.6	98.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	97.7	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 20000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 18000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 16000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 14000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 12000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 6000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	96.0	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	96.8	97.0	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	96.9	97.1	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	97.0	97.2	97.8	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	97.1	97.3	97.9	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	97.1	97.3	98.3	98.8	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.1	97.3	98.3	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.1	97.3	98.3	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	97.3	98.3	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	97.3	98.3	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	97.3	98.3	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	97.3	98.3	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 10000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 9000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 8000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 5000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 000	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 125

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.5
GE 20000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.2	37.2	37.2
GE 18000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5
GE 16000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	39.0
GE 14000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.2
GE 12000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.7
GE 10000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.8
GE 9000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.6
GE 8000	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6
GE 7000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.5
GE 6000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.2
GE 5000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.2
GE 4500	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3
GE 4000	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8	75.8
GE 3500	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.6
GE 3000	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8
GE 2500	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.5	84.5
GE 2000	87.3	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.9	87.9
GE 1800	87.8	87.8	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.5
GE 1500	90.2	90.2	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.3
GE 1200	92.4	92.4	93.0	93.1	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.8
GE 1000	93.8	93.9	94.7	94.9	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.9
GE 900	94.0	94.1	95.0	95.2	95.5	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.4
GE 800	94.4	94.7	95.6	96.0	96.5	96.7	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.5
GE 700	94.8	95.0	96.1	96.5	97.1	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.9	97.9	98.0	98.1
GE 600	95.1	95.3	96.6	97.1	97.7	97.9	98.3	98.5	98.5	98.7	98.7	98.7	98.8	98.9	98.9	99.0
GE 500	95.2	95.4	96.8	97.3	98.1	98.3	98.8	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.5
GE 400	95.2	95.5	96.9	97.4	98.3	98.5	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.7
GE 300	95.3	95.5	97.0	97.5	98.3	98.5	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8
GE 200	95.3	95.5	97.0	97.5	98.3	98.5	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8
GE 100	95.3	95.5	97.0	97.5	98.3	98.5	99.0	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9
GE 000	95.3	95.5	97.0	97.5	98.3	98.5	99.0	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.9	36.9	37.4	37.4	38.0	38.0
GE 20000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.5	38.5	39.1	39.1	39.7	39.7
GE 18000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.5	38.5	39.1	39.1	39.7	39.7
GE 16000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.5	38.5	39.1	39.1	39.7	39.7
GE 14000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	39.1	39.1	39.7	39.7	40.2	40.2
GE 12000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.8	40.8	41.3	41.3	41.9	41.9
GE 10000	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.9	46.9	47.5	47.5	48.0	48.0
GE 9000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.7	49.7	50.3	50.3	50.8	50.8
GE 8000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.3	55.3	55.9	55.9	56.4	56.4
GE 7000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.9	55.9	56.4	56.4	57.0	57.0
GE 6000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.8	64.8	65.4	65.4	65.9	65.9
GE 5000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.1	72.1	72.6	72.6	73.2	73.2
GE 4500	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.4	75.4	76.0	76.0	76.5	76.5
GE 4000	78.2	78.2	78.2	78.2	78.8	78.8	78.8	78.8	78.8	78.8	79.3	79.3	79.9	79.9	80.4	80.4
GE 3500	81.0	81.0	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	82.1	82.1	82.7	82.7	83.2	83.2
GE 3000	84.9	84.9	85.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.6	86.6	87.2	87.2	87.7	87.7
GE 2500	87.7	87.7	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	89.4	89.4	89.9	89.9	90.5	90.5
GE 2000	88.3	88.3	88.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.9	89.9	90.5	90.5	91.1	91.1
GE 1800	88.3	88.3	88.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.9	89.9	90.5	90.5	91.1	91.1
GE 1500	89.4	89.4	89.9	90.5	91.1	91.1	91.6	91.6	91.6	91.6	92.2	92.2	92.7	92.7	93.3	93.3
GE 1200	89.9	89.9	90.5	91.1	91.6	91.6	92.2	92.2	92.2	92.2	92.7	92.7	93.3	93.3	93.9	93.9
GE 1000	90.5	90.5	91.1	91.6	92.7	92.7	93.3	93.3	93.3	93.3	93.9	93.9	94.4	94.4	95.0	95.0
GE 900	90.5	90.5	91.1	91.6	92.7	92.7	93.3	93.3	93.3	93.3	93.9	93.9	94.4	94.4	95.0	95.0
GE 800	90.5	90.5	91.1	91.6	92.7	92.7	93.9	93.9	93.9	93.9	94.4	94.4	95.0	95.0	95.5	95.5
GE 700	91.1	91.1	92.7	93.3	94.4	94.4	95.5	95.5	95.5	95.5	96.6	96.6	97.2	97.2	98.3	98.3
GE 600	91.1	91.1	92.7	93.3	94.4	94.4	95.5	95.5	95.5	95.5	96.6	96.6	97.2	97.2	98.3	98.3
GE 500	91.1	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	97.8	97.8	98.3	98.3	99.4	99.4
GE 400	91.1	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	97.8	97.8	98.3	98.3	99.4	99.4
GE 300	91.1	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	97.8	97.8	98.3	98.3	99.4	100.0
GE 200	91.1	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	97.8	97.8	98.3	98.3	99.4	100.0
GE 100	91.1	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	97.8	97.8	98.3	98.3	99.4	100.0
GE 000	91.1	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	97.8	97.8	98.3	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.8	30.8	30.8	30.8	30.8	30.8	30.9	31.0	31.0	31.1	31.4	31.4	31.5	31.5	31.9	32.4
GE 20000	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.8	32.8	32.9	33.2	33.2	33.3	33.3	33.7	34.2
GE 18000	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.7	33.7	33.8	34.1	34.1	34.2	34.2	34.6	35.1
GE 16000	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.1	34.1	34.2	34.6	34.6	34.7	34.7	35.0	35.6
GE 14000	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.2	35.2	35.3	35.7	35.7	35.8	35.8	36.1	36.7
GE 12000	37.8	37.8	37.8	37.8	37.8	37.8	37.9	38.0	38.0	38.1	38.5	38.5	38.6	38.6	38.9	39.5
GE 10000	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.5	43.5	43.6	44.0	44.0	44.1	44.3	44.6	45.3
GE 9000	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.3	46.3	46.4	46.8	46.8	46.9	47.0	47.4	48.0
GE 8000	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.5	51.5	51.6	52.1	52.1	52.2	52.3	52.6	53.3
GE 7000	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.5	53.5	53.6	54.1	54.1	54.2	54.3	54.6	55.3
GE 6000	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.1	61.2	61.6	61.6	61.8	61.9	62.2	62.9
GE 5000	66.7	66.7	66.8	66.8	66.9	66.9	67.0	67.1	67.1	67.2	67.7	67.7	67.8	67.9	68.2	68.9
GE 4500	69.1	69.1	69.2	69.2	69.3	69.3	69.5	69.6	69.6	69.7	70.1	70.1	70.2	70.3	70.7	71.3
GE 4000	72.0	72.0	72.1	72.1	72.2	72.2	72.4	72.5	72.5	72.7	73.1	73.1	73.2	73.4	73.7	74.4
GE 3500	74.2	74.2	74.4	74.4	74.5	74.5	74.6	74.7	74.7	74.9	75.4	75.4	75.5	75.6	75.9	76.6
GE 3000	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.9	77.9	78.1	78.6	78.6	78.7	78.8	79.2	79.8
GE 2500	80.0	80.0	80.2	80.3	80.5	80.5	80.6	80.7	80.7	80.9	81.4	81.4	81.6	81.7	82.1	82.7
GE 2000	82.9	83.1	83.3	83.6	84.2	84.2	84.4	84.5	84.5	84.7	85.2	85.2	85.4	85.5	85.8	86.6
GE 1800	83.3	83.4	83.7	84.1	84.6	84.6	84.8	84.9	84.9	85.2	85.6	85.6	85.8	86.0	86.3	87.1
GE 1500	85.2	85.3	86.2	86.6	87.3	87.3	87.5	87.6	87.6	88.0	88.4	88.4	88.6	88.7	89.1	90.0
GE 1200	86.0	86.1	87.0	87.4	88.4	88.5	88.7	88.9	88.9	89.2	89.6	89.6	89.9	90.0	90.3	91.2
GE 1000	86.6	86.7	88.0	88.5	89.6	89.9	90.1	90.3	90.4	91.0	91.4	91.4	91.6	91.8	92.1	93.0
GE 900	86.6	86.7	88.0	88.5	89.6	89.9	90.3	90.5	90.6	91.2	91.6	91.6	91.9	92.0	92.3	93.2
GE 800	87.1	87.2	88.5	89.1	90.4	90.6	91.1	91.8	91.9	92.8	93.3	93.3	93.5	93.6	94.0	94.9
GE 700	88.0	88.1	89.7	90.4	91.8	92.0	92.6	93.4	93.5	94.8	95.3	95.3	95.5	95.7	96.1	97.0
GE 600	88.1	88.2	90.0	90.7	92.2	92.5	93.2	94.0	94.1	95.5	96.1	96.1	96.3	96.4	96.9	97.9
GE 500	88.1	88.2	90.3	91.1	92.8	93.2	94.0	94.9	95.2	96.8	97.4	97.4	97.7	97.8	98.3	99.4
GE 400	88.1	88.2	90.3	91.1	92.8	93.2	94.0	94.9	95.2	96.8	97.4	97.4	97.7	97.8	98.3	99.4
GE 300	88.1	88.2	90.3	91.1	92.8	93.2	94.0	94.9	95.2	96.8	97.4	97.4	97.7	97.8	98.3	99.4
GE 200	88.1	88.2	90.3	91.1	92.8	93.2	94.0	94.9	95.2	96.8	97.5	97.5	97.8	97.9	98.4	99.9
GE 100	88.1	88.2	90.3	91.1	92.8	93.2	94.0	94.9	95.2	96.8	97.5	97.5	97.8	97.9	98.4	100.0
GE 000	88.1	88.2	90.3	91.1	92.8	93.2	94.0	94.9	95.2	96.8	97.5	97.5	97.8	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 897

D - 2 - 74

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7
GE 20000	35.9	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.3
GE 18000	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7
GE 16000	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.3
GE 14000	38.8	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.2
GE 12000	43.1	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6
GE 10000	49.4	49.4	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9
GE 9000	52.3	52.3	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8
GE 8000	58.1	58.1	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8
GE 7000	60.3	60.3	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0
GE 6000	65.3	65.3	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
GE 5000	70.8	70.8	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.7
GE 4500	72.5	72.5	72.7	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 4000	74.4	74.4	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.3
GE 3500	75.3	75.3	75.5	75.6	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.2
GE 3000	77.1	77.1	77.3	77.4	77.5	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0
GE 2500	80.1	80.1	80.4	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.2
GE 2000	82.6	82.7	83.1	83.5	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.1
GE 1800	83.1	83.2	83.7	84.0	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.7
GE 1500	85.6	85.7	86.3	86.7	87.0	87.2	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.9
GE 1200	86.6	86.7	87.4	87.8	88.2	88.3	88.6	88.7	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.4
GE 1000	87.8	87.9	88.7	89.3	89.8	89.9	90.3	90.4	90.4	90.8	90.8	90.8	91.1	91.1	91.1	91.3
GE 900	88.0	88.2	88.9	89.5	90.3	90.4	90.7	90.8	90.8	91.3	91.3	91.3	91.5	91.5	91.5	91.7
GE 800	88.7	88.8	89.7	90.3	91.6	91.7	92.4	92.5	92.5	93.1	93.3	93.3	93.5	93.5	93.9	94.1
GE 700	89.2	89.3	90.4	91.2	92.6	92.8	93.5	93.6	93.6	94.3	94.5	94.5	94.7	94.7	95.1	95.3
GE 600	89.7	89.8	91.1	91.8	93.7	94.0	94.6	94.7	94.9	95.5	95.8	95.8	96.0	96.0	96.3	96.5
GE 500	89.9	90.3	91.6	92.6	95.5	95.8	96.6	96.9	97.0	97.7	98.0	98.0	98.5	98.5	98.9	99.1
GE 400	90.1	90.4	91.8	92.8	95.8	96.0	96.9	97.1	97.2	98.0	98.3	98.3	98.9	98.9	99.2	99.4
GE 300	90.1	90.4	91.8	92.8	95.9	96.1	97.0	97.2	97.3	98.1	98.4	98.4	99.0	99.0	99.4	99.7
GE 200	90.1	90.4	91.8	92.8	95.9	96.1	97.0	97.2	97.3	98.1	98.4	98.4	99.2	99.2	99.7	100.0
GE 100	90.1	90.4	91.8	92.8	95.9	96.1	97.0	97.2	97.3	98.1	98.4	98.4	99.2	99.2	99.7	100.0
GE 000	90.1	90.4	91.8	92.8	95.9	96.1	97.0	97.2	97.3	98.1	98.4	98.4	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAM: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9
GE 20000	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4
GE 18000	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3
GE 16000	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1
GE 14000	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8
GE 12000	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
GE 10000	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4
GE 9000	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 8000	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 7000	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 6000	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 5000	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 4500	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 4000	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 3500	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 3000	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 2500	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 2000	86.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE 1800	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 1500	89.2	89.2	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1200	91.0	91.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5
GE 1000	92.5	92.5	93.6	93.9	93.9	94.0	94.2	94.2	94.2	94.5	94.6	94.6	94.9	94.9	94.9	94.9
GE 900	92.5	92.5	93.6	93.9	93.9	94.0	94.2	94.2	94.3	94.6	94.9	94.9	95.1	95.1	95.1	95.1
GE 800	93.5	93.5	94.9	95.1	95.3	95.5	96.1	96.1	96.3	96.7	96.9	96.9	97.2	97.2	97.3	97.3
GE 700	94.1	94.1	95.6	95.9	96.1	96.3	97.1	97.1	97.3	97.7	97.9	97.9	98.2	98.2	98.3	98.3
GE 600	94.2	94.2	95.9	96.2	96.4	96.7	97.4	97.4	97.7	98.0	98.2	98.2	98.5	98.5	98.7	98.7
GE 500	94.4	94.4	96.2	96.7	97.1	97.3	98.3	98.3	98.5	98.9	99.1	99.1	99.4	99.4	99.6	99.6
GE 400	94.4	94.4	96.2	96.7	97.2	97.4	98.4	98.4	98.7	99.0	99.2	99.2	99.6	99.6	99.7	99.7
GE 300	94.4	94.4	96.2	96.7	97.2	97.4	98.4	98.4	98.7	99.0	99.2	99.3	99.7	99.7	99.9	99.9
GE 200	94.4	94.4	96.2	96.7	97.2	97.4	98.4	98.4	98.7	99.0	99.2	99.3	99.7	99.8	100.0	100.0
GE 100	94.4	94.4	96.2	96.7	97.2	97.4	98.4	98.4	98.7	99.0	99.2	99.3	99.7	99.8	100.0	100.0
GE 000	94.4	94.4	96.2	96.7	97.2	97.4	98.4	98.4	98.7	99.0	99.2	99.3	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 20000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 16000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 14000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 12000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 10000	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	92.0	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	93.9	94.0	94.1	94.2	94.3	94.3	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	95.2	95.4	95.7	95.9	96.0	96.3	96.4	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	95.2	95.4	95.7	95.9	96.0	96.3	96.5	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	96.1	96.3	96.7	97.0	97.3	97.8	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	96.3	96.8	97.1	97.4	97.8	98.2	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	96.5	97.0	97.3	97.7	98.1	98.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

D - 2 - 77

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 12000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 10000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 9000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	82.3	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	87.4	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	90.4	90.5	90.8	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	92.9	93.0	93.2	93.2	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	94.3	94.4	94.8	94.8	95.5	95.7	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	94.4	94.5	94.9	94.9	95.7	95.8	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	95.4	95.5	95.9	95.9	97.3	97.4	98.0	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	95.8	95.9	96.4	96.4	97.9	98.0	98.6	98.7	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	96.0	96.1	96.7	96.7	98.1	98.2	98.8	98.9	99.0	99.2	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 20000	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 18000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 16000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 12000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 10000	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 9000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 8000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 7000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 6000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	84.0	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	84.9	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	85.7	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	88.2	89.1	89.9	89.9	90.8	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	89.9	90.8	91.6	91.6	92.4	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	90.8	91.6	92.4	93.3	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	91.6	92.4	93.3	94.1	95.0	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	92.4	93.3	95.0	95.8	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	93.3	94.1	95.8	96.6	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	93.3	94.1	95.8	96.6	98.3	98.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.3	94.1	95.8	96.6	98.3	98.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.3	94.1	95.8	96.6	98.3	98.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	94.1	95.8	96.6	98.3	98.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	94.1	95.8	96.6	98.3	98.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	94.1	95.8	96.6	98.3	98.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 119

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.4	33.5	33.5	33.5	33.7
GE 20000	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.5	36.5	36.6	36.7
GE 18000	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.9	38.9	39.0	39.1
GE 16000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.8	40.0
GE 14000	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.9	41.9	41.9	42.1
GE 12000	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.7	45.8
GE 10000	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	52.1
GE 9000	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.0
GE 8000	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.8	60.8	60.9	61.0
GE 7000	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	63.0	63.2
GE 6000	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.4	67.6
GE 5000	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.9	73.0
GE 4500	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.5	74.6
GE 4000	76.3	76.3	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.9	76.9	77.1
GE 3500	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.3
GE 3000	80.4	80.4	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.1	81.3
GE 2500	83.6	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.6
GE 2000	86.1	86.1	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.2	87.4
GE 1800	86.6	86.7	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.8	88.0
GE 1500	88.4	88.5	89.0	89.3	89.5	89.5	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.1	90.2	90.4
GE 1200	90.0	90.1	90.7	90.9	91.3	91.3	91.6	91.7	91.7	91.8	91.9	91.9	92.1	92.1	92.2	92.4
GE 1000	91.2	91.4	92.1	92.4	93.0	93.1	93.4	93.5	93.6	93.8	94.0	94.0	94.1	94.1	94.2	94.4
GE 900	91.3	91.4	92.2	92.5	93.1	93.3	93.6	93.7	93.8	94.1	94.2	94.2	94.4	94.4	94.5	94.7
GE 800	92.1	92.2	93.1	93.4	94.4	94.6	95.1	95.3	95.5	95.8	96.0	96.0	96.2	96.2	96.4	96.6
GE 700	92.6	92.8	93.9	94.3	95.3	95.5	96.1	96.3	96.5	97.0	97.3	97.3	97.5	97.5	97.7	97.9
GE 600	92.8	93.0	94.2	94.6	95.7	96.0	96.6	96.8	97.0	97.6	97.9	97.9	98.1	98.1	98.3	98.5
GE 500	92.9	93.1	94.4	94.9	96.3	96.6	97.3	97.6	97.8	98.4	98.8	98.8	99.1	99.1	99.3	99.6
GE 400	93.0	93.2	94.4	95.0	96.4	96.7	97.4	97.7	97.9	98.5	98.9	98.9	99.2	99.2	99.4	99.7
GE 300	93.0	93.2	94.4	95.0	96.4	96.7	97.4	97.7	97.9	98.5	99.0	99.0	99.2	99.2	99.5	99.8
GE 200	93.0	93.2	94.4	95.0	96.4	96.7	97.4	97.7	97.9	98.5	99.0	99.0	99.3	99.3	99.6	100.0
GE 100	93.0	93.2	94.4	95.0	96.4	96.7	97.4	97.7	97.9	98.5	99.0	99.0	99.3	99.3	99.6	100.0
GE 000	93.0	93.2	94.4	95.0	96.4	96.7	97.4	97.7	97.9	98.5	99.0	99.0	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4782

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 18000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 16000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 14000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 10000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 9000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 8000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 7000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 6000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 5000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 4500	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 4000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 3500	40.0	40.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 3000	40.0	40.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 2500	40.0	40.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 2000	43.3	43.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1800	43.3	43.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1500	46.7	46.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 1200	46.7	46.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 1000	50.0	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 900	50.0	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 800	50.0	50.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 700	50.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 600	50.0	50.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 500	50.0	50.0	76.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 400	56.7	56.7	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 300	60.0	60.0	86.7	90.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 200	60.0	60.0	86.7	90.0	93.3	93.3	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 100	60.0	60.0	86.7	90.0	93.3	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.0	60.0	86.7	90.0	93.3	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 30

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.6	32.6	33.2	33.7	33.7	33.7	33.7	33.7	33.7	34.2	34.2	34.2	34.2	34.2	34.7	34.7
GE 20000	35.2	35.2	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.8	36.8	36.8	36.8	36.8	37.3	37.3
GE 18000	35.2	35.2	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.8	36.8	36.8	36.8	36.8	37.3	37.3
GE 16000	35.2	35.2	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.8	36.8	36.8	36.8	36.8	37.3	37.3
GE 14000	35.2	35.2	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.8	36.8	36.8	36.8	36.8	37.3	37.3
GE 12000	36.8	36.8	37.3	37.8	37.8	37.8	37.8	37.8	37.8	38.3	38.3	38.3	38.3	38.3	38.9	38.9
GE 10000	39.9	39.9	40.9	41.5	41.5	41.5	41.5	41.5	41.5	42.0	42.0	42.0	42.0	42.0	42.5	42.5
GE 9000	40.4	40.4	41.5	42.0	42.0	42.0	42.0	42.0	42.0	42.5	42.5	42.5	42.5	42.5	43.0	43.0
GE 8000	44.0	44.0	45.1	45.6	45.6	45.6	45.6	45.6	45.6	46.1	46.1	46.1	46.1	46.1	46.6	46.6
GE 7000	45.1	45.1	46.1	46.6	46.6	46.6	46.6	46.6	46.6	47.2	47.2	47.2	47.2	47.2	47.7	47.7
GE 6000	49.2	49.2	50.3	50.8	50.8	50.8	50.8	50.8	50.8	51.3	51.3	51.3	51.3	51.3	51.8	51.8
GE 5000	52.8	52.8	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.9	54.9	54.9	54.9	54.9	55.4	55.4
GE 4500	53.9	53.9	54.9	55.4	56.0	56.0	56.0	56.0	56.0	56.5	56.5	56.5	56.5	56.5	57.0	57.0
GE 4000	57.5	57.5	58.5	59.1	59.6	59.6	59.6	59.6	59.6	60.1	60.1	60.1	60.1	60.1	60.6	60.6
GE 3500	60.6	60.6	62.2	62.7	63.7	63.7	63.7	63.7	63.7	64.2	64.2	64.2	64.2	64.2	64.8	64.8
GE 3000	62.2	62.7	64.2	64.8	66.3	66.3	66.3	66.3	66.3	66.8	66.8	66.8	66.8	66.8	67.4	67.4
GE 2500	62.7	63.2	65.8	66.3	67.9	67.9	67.9	67.9	67.9	68.4	68.4	68.4	68.4	68.4	68.9	68.9
GE 2000	65.3	65.8	69.4	69.9	71.5	71.5	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.5	72.5
GE 1800	65.8	66.3	70.5	71.0	72.5	72.5	72.5	72.5	72.5	73.1	73.1	73.1	73.1	73.1	73.6	73.6
GE 1500	68.9	69.4	73.6	74.1	75.6	75.6	75.6	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.7	76.7
GE 1200	69.9	70.5	74.6	75.1	76.7	76.7	76.7	77.2	77.2	77.7	77.7	77.7	77.7	77.7	78.2	78.2
GE 1000	71.0	71.5	76.2	76.7	78.2	78.2	78.8	79.3	79.3	79.8	79.8	79.8	79.8	79.8	80.3	80.3
GE 900	71.0	71.5	77.7	78.8	80.3	80.3	81.3	81.9	81.9	82.9	83.4	83.4	83.4	83.4	83.9	83.9
GE 800	71.0	71.5	78.2	79.3	80.8	81.3	82.4	82.9	82.9	83.9	85.0	85.0	85.0	85.0	85.5	85.5
GE 700	73.1	73.6	80.3	81.3	82.9	83.9	85.0	85.5	85.5	86.5	87.6	87.6	87.6	87.6	88.1	88.1
GE 600	75.1	75.6	82.9	83.9	85.5	86.5	87.6	88.1	88.1	89.1	90.2	90.2	90.2	90.2	90.7	90.7
GE 500	75.6	76.2	83.4	84.5	86.0	87.0	88.6	89.1	89.1	90.2	92.2	92.2	92.2	92.2	92.7	93.8
GE 400	75.6	76.2	83.9	85.0	87.6	88.6	90.2	90.7	90.7	91.7	94.3	94.3	94.3	94.8	95.3	96.4
GE 300	75.6	76.2	85.5	86.5	89.1	90.2	91.7	92.7	92.7	93.8	96.4	96.4	96.4	96.9	97.4	98.4
GE 200	75.6	76.2	85.5	86.5	89.1	90.2	91.7	92.7	92.7	93.8	96.4	96.4	96.9	97.4	97.9	99.0
GE 100	75.6	76.2	85.5	86.5	89.1	90.2	91.7	92.7	92.7	93.8	96.4	96.4	96.9	97.4	99.0	100.0
GE 000	75.6	76.2	85.5	86.5	89.1	90.2	91.7	92.7	92.7	93.8	96.4	96.4	96.9	97.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.3	26.3	26.8	26.9	27.0	27.0	27.2	27.4	27.4	27.9	27.9	27.9	28.1	28.1	28.4	28.4
GE 20000	28.0	28.0	28.4	28.5	28.6	28.6	28.8	29.1	29.1	29.5	29.5	29.5	29.7	29.7	30.0	30.0
GE 18000	28.5	28.5	28.9	29.1	29.2	29.2	29.4	29.6	29.6	30.0	30.0	30.0	30.3	30.3	30.6	30.6
GE 16000	29.1	29.1	29.5	29.6	29.7	29.7	29.9	30.2	30.2	30.6	30.6	30.6	30.8	30.8	31.1	31.1
GE 14000	29.5	29.5	29.9	30.0	30.2	30.2	30.4	30.6	30.6	31.0	31.0	31.0	31.3	31.3	31.6	31.6
GE 12000	31.1	31.1	31.6	31.7	31.8	31.8	32.0	32.2	32.2	32.7	32.7	32.7	32.9	32.9	33.2	33.2
GE 10000	34.6	34.6	35.1	35.2	35.3	35.3	35.5	35.7	35.7	36.2	36.2	36.2	36.4	36.4	36.7	36.7
GE 9000	36.3	36.3	36.7	36.8	37.0	37.0	37.2	37.4	37.4	37.8	37.8	37.8	38.0	38.0	38.4	38.4
GE 8000	40.2	40.2	40.7	40.8	40.9	40.9	41.1	41.3	41.3	41.8	41.8	41.8	42.0	42.0	42.3	42.3
GE 7000	42.0	42.0	42.5	42.7	42.8	42.8	43.0	43.2	43.2	43.6	43.6	43.6	43.9	43.9	44.2	44.2
GE 6000	46.7	46.7	47.4	47.5	47.9	47.9	48.1	48.4	48.4	48.8	48.8	48.8	49.0	49.0	49.3	49.3
GE 5000	51.1	51.2	51.9	52.0	52.6	52.6	53.0	53.2	53.2	53.6	53.6	53.6	53.8	53.8	54.2	54.2
GE 4500	52.5	52.6	53.3	53.4	54.2	54.2	54.5	54.7	54.7	55.2	55.2	55.2	55.4	55.4	55.7	55.7
GE 4000	56.7	56.9	57.7	58.0	59.0	59.0	59.3	59.5	59.5	60.0	60.0	60.0	60.2	60.2	60.5	60.5
GE 3500	58.7	58.9	59.6	60.0	61.0	61.0	61.3	61.5	61.5	62.0	62.0	62.0	62.2	62.2	62.5	62.5
GE 3000	60.9	61.1	62.2	62.5	63.9	63.9	64.3	64.5	64.5	64.9	64.9	64.9	65.1	65.1	65.5	65.5
GE 2500	63.7	63.9	65.4	66.0	67.8	67.8	68.1	68.6	68.6	69.1	69.1	69.1	69.3	69.3	69.6	69.6
GE 2000	65.7	65.9	67.8	68.6	70.8	71.1	71.5	72.0	72.0	72.5	72.5	72.5	72.7	72.7	73.0	73.0
GE 1800	66.0	66.4	68.5	69.5	71.8	72.1	72.7	73.4	73.5	73.9	74.0	74.0	74.2	74.2	74.6	74.6
GE 1500	68.1	68.5	70.8	71.8	74.3	74.7	75.4	76.3	76.4	76.9	77.0	77.0	77.2	77.2	77.5	77.5
GE 1200	70.0	70.5	72.9	74.0	76.8	77.2	78.2	79.3	79.4	80.2	80.3	80.3	80.5	80.5	80.8	80.8
GE 1000	71.5	72.0	74.7	76.0	79.1	79.5	80.7	81.9	82.0	83.3	83.4	83.4	83.7	83.7	84.0	84.0
GE 900	71.8	72.4	75.3	76.6	79.7	80.2	81.7	83.0	83.1	84.8	84.9	84.9	85.1	85.1	85.4	85.4
GE 800	72.1	72.7	75.7	77.2	80.6	81.0	82.8	84.2	84.3	86.0	86.3	86.3	86.8	86.8	87.2	87.2
GE 700	72.8	73.5	76.5	78.2	81.9	82.5	84.4	85.9	86.0	88.0	89.0	89.0	89.7	89.7	90.0	90.0
GE 600	73.5	74.1	77.7	79.4	83.2	83.9	85.9	87.3	87.5	89.6	90.9	90.9	91.7	91.7	92.0	92.0
GE 500	73.6	74.2	78.1	80.0	84.0	84.8	86.8	88.5	88.8	91.3	92.8	92.8	93.8	93.8	94.3	94.4
GE 400	73.7	74.3	78.3	80.7	85.0	85.7	88.2	90.1	90.6	93.3	94.7	94.7	95.8	95.8	96.5	96.6
GE 300	73.7	74.3	78.5	80.9	85.4	86.3	88.7	90.9	91.3	94.2	95.7	95.7	96.9	96.9	97.8	97.9
GE 200	73.7	74.3	78.5	80.9	85.4	86.3	88.7	90.9	91.3	94.3	96.3	96.3	97.7	97.7	98.7	99.2
GE 100	73.7	74.3	78.5	80.9	85.4	86.3	88.7	90.9	91.3	94.3	96.3	96.3	97.7	97.7	99.0	100.0
GE 000	73.7	74.3	78.5	80.9	85.4	86.3	88.7	90.9	91.3	94.3	96.3	96.3	97.7	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.9	26.0	26.2	26.2	26.8	26.8	26.8	27.0	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.4
GE 20000	28.7	28.8	29.0	29.0	29.6	29.6	29.6	29.8	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.2
GE 18000	30.1	30.2	30.4	30.4	31.0	31.0	31.0	31.2	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.6
GE 16000	30.6	30.7	30.9	30.9	31.4	31.4	31.4	31.6	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.1
GE 14000	31.9	32.0	32.2	32.2	32.7	32.7	32.7	32.9	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.4
GE 12000	33.4	33.5	33.7	33.7	34.2	34.2	34.2	34.5	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.9
GE 10000	37.8	37.9	38.1	38.1	38.7	38.7	38.7	38.9	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.3
GE 9000	39.0	39.1	39.3	39.3	39.9	39.9	39.9	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.5
GE 8000	43.1	43.2	43.4	43.4	44.0	44.0	44.0	44.2	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.6
GE 7000	45.8	45.9	46.2	46.3	46.8	46.8	46.8	47.0	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.5
GE 6000	49.7	49.8	50.3	50.4	51.1	51.1	51.2	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.9
GE 5000	53.3	53.4	54.1	54.2	54.9	54.9	55.1	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.8
GE 4500	54.1	54.2	54.8	54.9	55.7	55.7	55.9	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.6
GE 4000	56.9	57.0	57.9	58.1	59.0	59.0	59.3	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 3500	58.4	58.6	59.7	59.9	60.9	60.9	61.1	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.8
GE 3000	60.0	60.2	61.4	61.6	62.7	62.8	63.2	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.9
GE 2500	62.6	62.8	64.0	64.2	65.8	65.9	66.3	66.6	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 2000	65.2	65.5	67.0	67.3	69.3	69.6	70.2	70.5	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 1800	65.5	65.9	67.5	67.8	69.9	70.1	70.7	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 1500	67.9	68.4	70.0	70.3	72.5	72.8	73.5	73.9	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.2
GE 1200	71.2	71.8	74.0	74.3	76.6	76.9	78.2	78.8	79.2	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 1000	72.6	73.5	76.2	76.7	79.5	79.8	81.4	82.2	82.7	84.8	84.9	84.9	84.9	84.9	85.0	85.2
GE 900	72.8	73.7	76.5	77.0	79.8	80.2	81.7	82.7	83.1	85.5	85.7	85.7	85.7	85.7	85.8	85.9
GE 800	73.1	74.0	76.9	77.6	80.6	80.9	82.7	83.9	84.3	87.0	87.5	87.5	87.6	87.6	87.8	87.9
GE 700	74.1	75.1	78.4	79.1	82.4	82.8	84.8	86.5	87.0	89.9	90.8	90.8	91.2	91.2	91.3	91.4
GE 600	74.8	75.8	79.6	80.5	84.6	85.0	87.1	89.2	89.7	93.0	93.8	93.8	94.3	94.3	94.4	94.5
GE 500	74.8	75.8	79.7	80.6	84.7	85.3	87.4	89.7	90.2	93.9	95.0	95.0	95.6	95.6	95.9	96.0
GE 400	74.9	76.1	80.1	80.9	85.3	85.8	88.2	90.7	91.4	95.4	96.6	96.6	97.6	97.6	97.9	98.0
GE 300	74.9	76.1	80.1	80.9	85.4	85.9	88.3	90.8	91.5	96.0	97.3	97.3	98.3	98.3	98.9	99.0
GE 200	74.9	76.1	80.1	80.9	85.4	85.9	88.3	90.8	91.5	96.2	97.7	97.7	98.8	98.8	99.5	99.6
GE 100	74.9	76.1	80.1	80.9	85.4	85.9	88.3	90.8	91.5	96.2	97.7	97.7	98.9	99.0	99.7	100.0
GE 000	74.9	76.1	80.1	80.9	85.4	85.9	88.3	90.8	91.5	96.2	97.7	97.7	98.9	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.8	29.8	29.8	29.8	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 20000	33.5	33.5	33.5	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 18000	34.8	34.8	34.8	34.8	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 16000	35.5	35.5	35.5	35.5	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 14000	36.9	36.9	36.9	36.9	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 12000	38.6	38.6	38.6	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 10000	42.9	42.9	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 9000	44.6	44.6	44.6	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 8000	49.7	49.7	49.7	49.7	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 7000	52.5	52.5	52.5	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	55.3	55.3	55.3	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 5000	58.3	58.3	58.3	58.3	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 4500	58.9	58.9	58.9	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	60.2	60.2	60.2	60.2	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 3500	61.4	61.4	61.4	61.4	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3000	63.3	63.3	63.3	63.3	64.0	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 2500	66.0	66.0	66.3	66.3	67.4	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 2000	68.1	68.3	68.9	69.0	70.2	70.7	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 1800	69.4	69.5	70.2	70.3	71.5	72.0	72.5	73.0	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 1500	72.2	72.4	73.1	73.3	74.6	75.2	76.0	76.8	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	75.2	75.3	76.6	76.9	78.7	79.7	81.2	82.1	82.3	82.9	83.0	83.0	83.2	83.2	83.2	83.2
GE 1000	78.4	78.6	80.2	80.8	83.3	84.2	86.1	87.0	87.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7
GE 900	79.5	79.7	81.5	82.1	84.9	86.0	87.8	88.9	89.2	91.0	91.4	91.4	91.6	91.6	91.6	91.6
GE 800	80.5	80.8	82.7	83.3	86.6	87.9	90.0	91.0	91.5	93.7	94.3	94.3	94.5	94.5	94.5	94.5
GE 700	81.2	81.5	83.5	84.2	87.9	89.2	91.4	92.5	93.0	95.2	96.0	96.0	96.4	96.4	96.4	96.4
GE 600	81.6	82.0	84.2	85.0	88.9	90.2	92.7	94.0	94.4	96.7	97.4	97.4	97.8	97.8	97.8	97.8
GE 500	81.9	82.2	84.6	85.4	89.5	90.8	93.3	94.8	95.2	97.6	98.5	98.5	98.9	98.9	98.9	98.9
GE 400	82.0	82.3	84.8	85.6	89.7	91.0	93.6	95.2	95.7	98.1	98.9	98.9	99.4	99.4	99.4	99.4
GE 300	82.0	82.3	84.8	85.6	89.7	91.0	93.6	95.2	95.7	98.1	98.9	98.9	99.7	99.7	99.7	99.7
GE 200	82.0	82.3	84.8	85.6	89.7	91.0	93.6	95.2	95.7	98.1	99.0	99.0	99.9	99.9	99.9	99.9
GE 100	82.0	82.3	84.8	85.6	89.7	91.0	93.6	95.2	95.7	98.1	99.1	99.1	100.0	100.0	100.0	100.0
GE 000	82.0	82.3	84.8	85.6	89.7	91.0	93.6	95.2	95.7	98.1	99.1	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.9	29.9	30.0	30.1	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 20000	32.8	32.8	32.9	33.0	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 18000	35.4	35.4	35.5	35.6	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 16000	36.2	36.2	36.3	36.4	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 14000	37.8	37.8	37.9	38.0	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 12000	40.0	40.0	40.1	40.2	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 10000	44.3	44.3	44.4	44.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	47.0	47.0	47.1	47.2	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000	52.3	52.3	52.5	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000	53.5	53.5	53.7	53.8	54.2	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	56.2	56.2	56.4	56.5	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	59.7	59.7	60.0	60.2	60.6	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
GE 4500	60.4	60.4	60.7	60.8	61.3	61.3	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6
GE 4000	62.9	62.9	63.2	63.5	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 3500	64.9	64.9	65.2	65.6	66.3	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	66.7	66.7	67.3	67.6	68.4	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 2500	68.3	68.3	68.8	69.1	69.9	69.9	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
GE 2000	71.8	71.8	72.5	72.8	74.5	74.5	74.9	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
GE 1800	72.8	72.8	73.4	73.8	75.5	75.5	75.9	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 1500	74.6	74.6	75.3	75.9	77.9	77.9	78.6	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 1200	78.0	78.3	79.3	80.0	83.0	83.0	84.0	84.6	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 1000	81.9	82.2	83.2	83.9	87.5	87.5	88.8	89.4	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	82.7	83.0	84.1	84.9	88.7	88.7	90.2	90.8	91.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	83.5	83.8	84.9	85.6	89.5	89.5	91.3	92.3	92.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	84.3	84.7	85.9	86.9	90.9	90.9	92.8	93.8	94.3	96.1	96.5	96.5	96.8	96.8	96.8	96.8
GE 600	84.4	84.8	86.1	87.5	91.5	91.5	93.3	94.4	94.8	96.7	97.2	97.2	97.4	97.6	97.6	97.6
GE 500	85.2	85.5	87.0	88.4	92.5	92.5	94.4	95.5	95.9	97.7	98.4	98.4	98.7	98.9	98.9	98.9
GE 400	85.2	85.5	87.0	88.4	92.5	92.7	94.7	95.9	96.3	98.2	98.9	98.9	99.2	99.5	99.5	99.5
GE 300	85.2	85.5	87.0	88.4	92.5	92.7	94.7	95.9	96.3	98.3	99.1	99.1	99.5	99.7	99.8	99.8
GE 200	85.2	85.5	87.0	88.4	92.5	92.7	94.7	95.9	96.3	98.4	99.2	99.2	99.6	99.8	99.9	99.9
GE 100	85.2	85.5	87.0	88.4	92.5	92.7	94.7	95.9	96.3	98.4	99.2	99.2	99.7	99.9	100.0	100.0
GE 000	85.2	85.5	87.0	88.4	92.5	92.7	94.7	95.9	96.3	98.4	99.2	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	33.9	33.9	33.9	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 18000	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 16000	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 12000	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 10000	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 9000	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 8000	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 7000	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 6000	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	61.7	61.7	62.0	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	62.4	62.4	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 4000	63.4	63.4	64.0	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 3500	65.2	65.2	65.7	65.9	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	67.4	67.4	68.1	68.4	69.2	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	69.8	69.8	70.7	71.1	72.0	72.0	72.1	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 2000	73.0	73.2	74.9	75.7	76.9	76.9	77.1	77.4	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9
GE 1800	74.2	74.4	76.1	76.9	78.1	78.1	78.3	78.6	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	76.8	77.3	79.4	80.5	82.1	82.1	82.4	82.9	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	78.4	79.1	81.8	83.0	85.8	85.8	86.1	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	80.7	81.3	84.5	85.9	90.0	90.0	90.7	91.1	91.1	91.5	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	80.8	81.5	84.8	86.3	90.9	90.9	91.5	92.0	92.1	92.8	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	81.6	82.2	85.8	87.3	92.1	92.1	93.2	93.6	93.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	82.3	83.0	86.7	88.2	93.1	93.1	94.3	94.8	94.9	96.1	97.0	97.0	97.0	97.0	97.1	97.1
GE 600	82.4	83.1	86.9	88.4	93.6	93.6	94.8	95.8	95.9	97.1	98.0	98.0	98.0	98.0	98.2	98.2
GE 500	83.0	83.6	87.5	89.0	94.3	94.3	95.4	96.4	96.5	97.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	83.0	83.6	87.5	89.0	94.3	94.3	95.6	96.5	96.6	98.2	99.1	99.1	99.2	99.2	99.3	99.3
GE 300	83.0	83.6	87.5	89.0	94.3	94.3	95.6	96.5	96.6	98.2	99.1	99.1	99.2	99.2	99.3	99.3
GE 200	83.0	83.6	87.5	89.0	94.3	94.3	95.6	96.5	96.6	98.3	99.2	99.2	99.6	99.7	99.9	100.0
GE 100	83.0	83.6	87.5	89.0	94.3	94.3	95.6	96.5	96.6	98.3	99.2	99.2	99.6	99.7	99.9	100.0
GE 000	83.0	83.6	87.5	89.0	94.3	94.3	95.6	96.5	96.6	98.3	99.2	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	33.2	33.2	33.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	34.2	34.2	34.2	34.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 18000	35.8	35.8	35.8	35.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 16000	36.8	36.8	36.8	36.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 14000	37.4	37.4	37.4	37.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 12000	37.4	37.4	37.4	37.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	41.1	41.1	41.1	41.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 9000	41.6	41.6	41.6	41.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 8000	43.7	43.7	43.7	43.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 7000	46.3	46.3	46.3	46.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 6000	48.9	48.9	48.9	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 5000	54.2	54.2	54.2	54.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4500	55.8	55.8	55.8	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 4000	56.8	56.8	57.9	57.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 3500	57.4	57.4	58.4	58.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 3000	62.1	62.1	64.2	64.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2500	64.2	64.2	66.3	66.3	68.4	68.9	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2000	66.8	66.8	70.5	70.5	73.2	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1800	68.4	68.4	72.1	72.1	74.7	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1500	69.5	70.0	75.3	75.3	77.9	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	70.0	70.5	77.4	77.4	81.1	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1000	71.1	71.6	81.1	81.1	84.7	85.8	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	71.1	71.6	81.1	81.1	84.7	85.8	86.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 800	71.6	72.6	84.2	84.2	87.9	88.9	90.0	91.1	91.1	91.6	91.6	91.6	92.1	92.1	92.1	92.1
GE 700	73.7	74.7	86.8	86.8	90.5	91.6	92.6	93.7	93.7	94.2	94.2	94.2	94.7	94.7	94.7	94.7
GE 600	74.2	75.3	87.4	87.4	91.1	92.1	93.2	94.7	94.7	95.3	95.3	95.3	95.8	95.8	95.8	95.8
GE 500	74.2	76.3	88.4	88.4	92.1	93.2	94.2	95.8	95.8	96.3	96.3	96.3	96.8	96.8	96.8	96.8
GE 400	74.7	76.8	88.9	88.9	93.2	94.2	95.3	96.8	96.8	97.4	97.4	97.4	97.9	97.9	97.9	97.9
GE 300	74.7	76.8	88.9	88.9	93.2	94.2	95.3	96.8	96.8	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 200	74.7	76.8	88.9	88.9	93.2	94.2	95.3	96.8	96.8	97.9	97.9	97.9	98.4	98.4	98.9	98.9
GE 100	74.7	76.8	88.9	88.9	93.2	94.2	95.3	96.8	96.8	97.9	97.9	97.9	98.4	98.4	98.9	100.0
GE 000	74.7	76.8	88.9	88.9	93.2	94.2	95.3	96.8	96.8	97.9	97.9	97.9	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 190

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.0	29.0	29.2	29.3	29.5	29.5	29.6	29.7	29.7	29.8	29.8	29.8	29.9	29.9	29.9	30.0
GE 20000	31.7	31.7	31.8	31.9	32.2	32.2	32.3	32.4	32.4	32.5	32.5	32.5	32.6	32.6	32.6	32.7
GE 18000	33.1	33.1	33.3	33.4	33.6	33.7	33.7	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.1	34.1
GE 16000	33.8	33.8	34.0	34.1	34.3	34.3	34.4	34.5	34.5	34.7	34.7	34.7	34.7	34.7	34.8	34.8
GE 14000	34.8	34.8	35.0	35.1	35.3	35.4	35.4	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.8	35.8
GE 12000	36.3	36.3	36.5	36.6	36.8	36.8	36.9	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.3	37.3
GE 10000	40.6	40.6	40.8	40.8	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.4	41.5	41.5	41.6	41.6
GE 9000	42.3	42.3	42.5	42.6	42.9	42.9	42.9	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3
GE 8000	47.0	47.1	47.3	47.3	47.6	47.6	47.7	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.1	48.1
GE 7000	49.0	49.1	49.3	49.4	49.7	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.2	50.2
GE 6000	52.5	52.5	52.8	52.9	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8	53.8
GE 5000	56.5	56.5	56.9	57.0	57.5	57.5	57.6	57.7	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.0
GE 4500	57.3	57.3	57.8	57.9	58.5	58.5	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.0	59.0
GE 4000	59.7	59.7	60.3	60.5	61.2	61.2	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.8
GE 3500	61.4	61.5	62.1	62.3	63.1	63.1	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.7
GE 3000	63.4	63.5	64.3	64.6	65.6	65.6	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.3
GE 2500	65.7	65.8	66.8	67.2	68.4	68.5	68.7	69.0	69.1	69.3	69.3	69.3	69.4	69.4	69.5	69.5
GE 2000	68.4	68.6	70.1	70.5	72.2	72.4	72.8	73.2	73.3	73.6	73.6	73.6	73.7	73.7	73.8	73.8
GE 1800	69.3	69.5	71.0	71.5	73.2	73.5	73.9	74.3	74.4	74.7	74.8	74.8	74.8	74.8	74.9	74.9
GE 1500	71.6	71.9	73.7	74.3	76.2	76.4	77.0	77.6	77.8	78.1	78.2	78.2	78.3	78.3	78.4	78.4
GE 1200	74.0	74.5	76.7	77.4	79.9	80.3	81.2	81.9	82.1	82.8	82.9	82.9	83.0	83.0	83.1	83.1
GE 1000	76.4	76.9	79.5	80.4	83.6	83.9	85.1	85.9	86.2	87.2	87.4	87.4	87.4	87.4	87.5	87.5
GE 900	76.9	77.4	80.3	81.2	84.5	84.9	86.2	87.1	87.4	88.9	89.1	89.1	89.2	89.2	89.3	89.3
GE 800	77.5	78.0	81.1	82.1	85.6	86.1	87.7	88.7	89.0	90.7	91.2	91.2	91.3	91.3	91.4	91.5
GE 700	78.4	79.0	82.2	83.3	87.1	87.6	89.3	90.5	90.8	92.7	93.5	93.5	93.8	93.8	93.9	94.0
GE 600	78.8	79.5	83.1	84.2	88.3	88.8	90.6	92.0	92.3	94.3	95.2	95.2	95.5	95.6	95.7	95.7
GE 500	79.2	79.8	83.6	84.8	89.0	89.5	91.4	92.9	93.2	95.4	96.4	96.4	96.9	96.9	97.1	97.2
GE 400	79.3	79.9	83.8	85.1	89.4	90.0	92.1	93.7	94.1	96.4	97.5	97.5	98.0	98.1	98.3	98.4
GE 300	79.3	80.0	83.9	85.2	89.6	90.2	92.3	93.9	94.3	96.8	97.9	97.9	98.6	98.6	99.0	99.1
GE 200	79.3	80.0	83.9	85.2	89.6	90.2	92.3	94.0	94.4	97.0	98.2	98.2	99.0	99.1	99.5	99.6
GE 100	79.3	80.0	83.9	85.2	89.6	90.2	92.3	94.0	94.4	97.0	98.2	98.2	99.1	99.2	99.7	100.0
GE 000	79.3	80.0	83.9	85.2	89.6	90.2	92.3	94.0	94.4	97.0	98.2	98.2	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5022

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5

D - 2 - 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 8000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 7000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 6000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 5000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 4500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 4000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 3500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 3000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1800	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1500	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	50.0	50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	47.0	47.2	47.6	47.9	47.9	48.0	48.1	48.1	48.6	48.6	48.7	48.7	48.7	48.7	48.7
GE 20000	48.0	48.0	48.2	48.6	48.9	48.9	49.0	49.1	49.1	49.6	49.6	49.7	49.7	49.7	49.7	49.7
GE 18000	49.6	49.6	49.9	50.3	50.5	50.5	50.6	50.8	50.8	51.3	51.3	51.4	51.4	51.4	51.4	51.4
GE 16000	50.0	50.0	50.3	50.6	50.9	50.9	51.0	51.1	51.1	51.6	51.6	51.8	51.8	51.8	51.8	51.8
GE 14000	50.9	50.9	51.1	51.5	51.8	51.8	51.9	52.0	52.0	52.5	52.5	52.7	52.7	52.7	52.7	52.7
GE 12000	53.8	53.8	54.0	54.4	54.7	54.7	54.8	54.9	54.9	55.4	55.4	55.6	55.6	55.6	55.6	55.6
GE 10000	56.7	56.7	56.9	57.3	57.6	57.6	57.7	57.8	57.8	58.3	58.3	58.5	58.5	58.5	58.5	58.5
GE 9000	58.2	58.2	58.5	58.8	59.1	59.1	59.2	59.3	59.3	59.8	59.8	60.0	60.0	60.0	60.0	60.0
GE 8000	61.5	61.5	61.7	62.1	62.4	62.4	62.5	62.6	62.6	63.1	63.1	63.3	63.3	63.3	63.3	63.3
GE 7000	62.6	62.6	62.9	63.3	63.5	63.5	63.6	63.8	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4
GE 6000	66.5	66.7	66.9	67.7	68.1	68.1	68.2	68.3	68.3	68.8	68.8	68.9	68.9	68.9	68.9	68.9
GE 5000	69.6	69.7	70.3	71.1	72.0	72.0	72.1	72.2	72.2	72.7	72.7	72.9	72.9	72.9	72.9	72.9
GE 4500	69.9	70.1	70.7	71.5	72.3	72.3	72.5	72.6	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.2
GE 4000	70.8	71.2	72.0	72.9	73.9	73.9	74.0	74.2	74.4	74.9	74.9	75.0	75.0	75.0	75.0	75.0
GE 3500	71.7	72.1	73.0	73.9	75.1	75.1	75.3	75.5	75.6	76.1	76.1	76.3	76.3	76.3	76.3	76.3
GE 3000	74.0	74.5	75.9	77.1	79.3	79.3	79.7	79.9	80.1	80.7	80.8	80.9	80.9	80.9	80.9	80.9
GE 2500	75.5	76.1	78.3	79.5	82.2	82.4	82.8	83.1	83.2	83.8	84.0	84.1	84.1	84.1	84.1	84.1
GE 2000	77.0	77.8	80.3	81.6	85.4	85.7	86.4	86.6	86.7	87.6	87.8	87.9	87.9	87.9	87.9	87.9
GE 1800	77.4	78.2	80.7	81.9	85.9	86.2	86.9	87.1	87.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5
GE 1500	78.3	79.2	81.8	83.1	87.6	88.0	88.8	89.0	89.1	90.5	90.7	90.8	90.8	90.8	90.8	90.8
GE 1200	78.9	79.8	82.6	84.0	89.3	89.6	90.7	91.0	91.2	92.9	93.1	93.2	93.2	93.2	93.2	93.2
GE 1000	79.3	80.2	83.1	84.5	90.4	90.8	91.9	92.3	92.6	94.3	94.4	94.6	94.6	94.6	94.6	94.6
GE 900	79.5	80.6	83.5	84.8	91.3	91.8	92.9	93.3	93.6	95.5	95.6	95.7	95.7	95.7	95.7	95.7
GE 800	80.2	81.2	84.7	86.1	92.6	93.1	94.3	94.7	94.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2
GE 700	80.2	81.2	85.0	86.6	93.3	93.9	95.2	95.6	95.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1
GE 600	80.7	81.7	85.6	87.2	93.9	94.6	95.8	96.2	96.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1
GE 500	80.7	81.7	85.6	87.2	93.9	94.6	95.8	96.3	96.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4
GE 400	80.7	81.7	85.6	87.2	93.9	94.7	96.1	96.7	97.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 300	80.7	81.7	85.6	87.2	93.9	94.7	96.1	96.7	97.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0
GE 200	80.7	81.7	85.6	87.2	93.9	94.7	96.1	96.7	97.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0
GE 100	80.7	81.7	85.6	87.2	93.9	94.7	96.1	96.7	97.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0
GE 000	80.7	81.7	85.6	87.2	93.9	94.7	96.1	96.7	97.1	99.4	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	42.0	42.1	42.1	42.5	42.5	42.5	42.6	42.6	42.7	42.8	42.8	42.9	42.9	42.9	43.1
GE 20000	43.6	43.7	43.8	43.8	44.2	44.2	44.2	44.4	44.4	44.5	44.6	44.6	44.7	44.7	44.7	44.9
GE 18000	45.8	45.9	46.3	46.3	46.7	46.7	46.7	46.8	46.8	46.9	47.0	47.0	47.2	47.2	47.2	47.4
GE 16000	46.3	46.4	46.7	46.7	47.2	47.2	47.2	47.3	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.8
GE 14000	47.5	47.6	48.0	48.0	48.5	48.5	48.5	48.6	48.6	48.7	48.8	48.8	48.9	48.9	48.9	49.2
GE 12000	50.4	50.5	50.9	50.9	51.4	51.4	51.4	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.8	52.1
GE 10000	55.2	55.3	55.8	55.8	56.2	56.2	56.2	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.9
GE 9000	57.1	57.2	57.7	57.7	58.1	58.1	58.1	58.2	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.8
GE 8000	61.1	61.2	61.7	61.7	62.1	62.1	62.1	62.2	62.2	62.3	62.5	62.5	62.6	62.6	62.6	62.8
GE 7000	63.1	63.2	63.7	63.7	64.1	64.1	64.1	64.2	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.8
GE 6000	66.5	66.6	67.2	67.2	67.6	67.6	67.6	67.7	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.3
GE 5000	69.5	69.6	70.3	70.3	70.7	70.7	70.9	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.6
GE 4500	70.6	70.7	71.4	71.4	71.8	71.8	72.1	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.7
GE 4000	72.5	72.6	73.7	73.7	74.3	74.3	74.5	74.6	74.6	74.7	74.9	74.9	75.0	75.0	75.0	75.2
GE 3500	73.5	73.7	75.0	75.0	75.8	75.8	76.1	76.3	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.9
GE 3000	75.8	76.2	77.5	77.5	78.7	79.0	79.4	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.2
GE 2500	76.8	77.4	78.9	79.0	80.3	80.8	81.2	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.8	82.0
GE 2000	78.3	79.1	81.0	81.2	82.8	83.7	84.6	85.0	85.0	85.6	85.7	85.7	85.8	85.8	85.8	86.0
GE 1800	78.3	79.1	81.0	81.2	83.0	83.9	84.8	85.3	85.3	85.8	86.0	86.0	86.1	86.1	86.1	86.4
GE 1500	79.4	80.4	82.5	82.7	84.9	85.9	87.3	87.8	87.8	88.7	88.9	88.9	89.1	89.1	89.1	89.3
GE 1200	80.3	81.5	83.9	84.1	86.6	87.6	89.1	90.2	90.2	91.6	91.8	91.8	92.0	92.0	92.0	92.2
GE 1000	81.0	82.1	84.6	84.8	87.5	88.5	90.1	91.6	91.6	93.5	93.7	93.7	93.9	93.9	93.9	94.1
GE 900	81.0	82.1	84.6	84.8	87.7	88.8	90.4	92.1	92.1	94.1	94.3	94.3	94.5	94.5	94.5	94.7
GE 800	81.6	82.7	85.4	85.7	89.1	90.2	92.1	94.1	94.1	96.4	96.6	96.6	96.9	96.9	96.9	97.1
GE 700	81.6	82.7	85.4	85.8	89.2	90.3	92.2	94.3	94.3	96.9	97.1	97.1	97.3	97.3	97.3	97.5
GE 600	82.1	83.2	86.1	86.6	90.1	91.2	93.2	95.6	95.6	98.2	98.4	98.4	98.8	98.8	99.0	99.2
GE 500	82.1	83.2	86.1	86.6	90.2	91.3	93.3	95.8	95.8	98.4	98.7	98.7	99.0	99.1	99.3	99.6
GE 400	82.1	83.2	86.1	86.6	90.2	91.3	93.3	95.9	95.9	98.5	98.8	98.8	99.1	99.2	99.6	99.8
GE 300	82.1	83.2	86.1	86.6	90.2	91.3	93.3	95.9	95.9	98.5	98.8	98.8	99.1	99.2	99.6	99.8
GE 200	82.1	83.2	86.1	86.6	90.2	91.3	93.3	95.9	95.9	98.5	98.8	98.8	99.1	99.2	99.6	99.8
GE 100	82.1	83.2	86.1	86.6	90.2	91.3	93.3	95.9	95.9	98.5	98.8	98.8	99.1	99.2	99.6	100.0
GE 000	82.1	83.2	86.1	86.6	90.2	91.3	93.3	95.9	95.9	98.5	98.8	98.8	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	41.2	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000	43.3	43.3	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 18000	46.4	46.4	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 16000	47.2	47.2	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 14000	50.0	50.0	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 12000	52.4	52.4	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	58.4	58.4	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	60.4	60.4	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	65.2	65.2	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	66.1	66.1	66.2	66.2	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	70.4	70.4	70.8	70.8	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	72.5	72.5	73.1	73.1	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	73.5	73.5	74.2	74.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	75.4	75.4	76.5	76.6	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	75.8	76.0	77.1	77.2	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	78.2	78.5	79.9	80.1	81.6	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	79.1	79.4	80.8	81.1	82.7	82.8	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	81.5	81.8	83.5	84.0	86.2	86.5	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	81.6	82.1	83.9	84.5	86.6	87.0	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	82.6	83.1	85.4	86.1	88.4	89.0	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	83.4	83.9	86.6	87.3	90.2	91.0	92.6	93.6	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4
GE 1000	83.9	84.7	87.4	88.2	91.2	92.0	93.7	95.4	95.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7
GE 900	84.0	84.8	87.6	88.4	91.5	92.4	94.2	95.8	96.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 800	84.0	84.8	87.9	88.7	91.8	92.7	94.5	96.3	96.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0
GE 700	84.0	84.8	88.0	88.8	92.0	92.9	94.7	96.5	96.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3
GE 600	84.4	85.2	88.4	89.2	92.5	93.4	95.3	97.1	97.2	98.9	99.0	99.1	99.1	99.1	99.2	99.2
GE 500	84.4	85.2	88.4	89.3	92.6	93.5	95.4	97.2	97.3	99.0	99.1	99.2	99.2	99.2	99.4	99.4
GE 400	84.5	85.5	88.8	89.7	92.9	93.8	95.7	97.5	97.6	99.3	99.4	99.6	99.6	99.6	99.8	99.8
GE 300	84.5	85.5	88.8	89.7	92.9	93.8	95.7	97.5	97.6	99.3	99.4	99.6	99.8	99.8	100.0	100.0
GE 200	84.5	85.5	88.8	89.7	92.9	93.8	95.7	97.5	97.6	99.3	99.4	99.6	99.8	99.8	100.0	100.0
GE 100	84.5	85.5	88.8	89.7	92.9	93.8	95.7	97.5	97.6	99.3	99.4	99.6	99.8	99.8	100.0	100.0
GE 000	84.5	85.5	88.8	89.7	92.9	93.8	95.7	97.5	97.6	99.3	99.4	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

D - 2 - 94

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 18000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 16000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 10000	58.2	58.2	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	60.4	60.4	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	65.4	65.4	65.8	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	66.1	66.1	66.5	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	69.9	69.9	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	72.1	72.1	72.6	72.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	72.8	72.9	73.4	73.4	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	75.1	75.4	76.0	76.1	77.3	77.3	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	75.8	76.2	76.7	76.9	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	78.0	78.3	79.1	79.2	80.6	80.6	80.9	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	80.3	80.7	81.7	81.8	83.8	83.8	84.2	84.3	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	82.5	82.8	84.6	84.7	87.1	87.3	87.9	88.0	88.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	83.4	83.7	85.7	85.8	88.2	88.4	89.0	89.1	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	84.2	84.5	86.9	87.1	90.2	90.6	91.5	91.6	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	84.8	85.3	87.8	88.1	91.8	92.1	93.1	93.3	93.3	94.3	94.7	94.7	94.8	94.8	94.8	94.8
GE 1000	85.7	86.3	88.9	89.2	93.5	93.8	95.1	95.2	95.3	96.4	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	85.7	86.3	88.9	89.2	93.5	93.8	95.1	95.2	95.3	96.4	97.0	97.0	97.1	97.1	97.1	97.1
GE 800	85.8	86.4	89.0	89.4	94.0	94.4	95.7	95.8	96.0	97.2	97.8	97.8	97.9	97.9	98.0	98.0
GE 700	85.8	86.4	89.1	89.6	94.2	94.5	95.8	96.0	96.1	97.6	98.2	98.2	98.3	98.3	98.4	98.4
GE 600	85.8	86.4	89.3	89.8	94.4	94.7	96.1	96.2	96.3	98.0	98.5	98.5	98.7	98.7	98.8	98.8
GE 500	86.0	86.6	89.7	90.1	94.8	95.2	96.5	96.6	96.7	98.5	99.2	99.2	99.3	99.4	99.6	99.6
GE 400	86.1	86.7	89.8	90.2	94.9	95.3	96.7	96.9	97.0	98.8	99.6	99.6	99.7	99.8	99.9	99.9
GE 300	86.1	86.7	89.8	90.2	94.9	95.3	96.7	96.9	97.0	98.8	99.6	99.6	99.7	99.8	99.9	99.9
GE 200	86.1	86.7	89.8	90.2	94.9	95.3	96.7	96.9	97.0	98.8	99.7	99.7	99.8	99.9	100.0	100.0
GE 100	86.1	86.7	89.8	90.2	94.9	95.3	96.7	96.9	97.0	98.8	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	86.1	86.7	89.8	90.2	94.9	95.3	96.7	96.9	97.0	98.8	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.5	40.6	40.8	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	42.7	42.8	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 18000	44.8	44.9	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 16000	45.6	45.7	46.0	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	47.4	47.6	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	51.6	51.8	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 10000	55.7	55.9	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 9000	58.7	58.8	59.0	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 8000	63.3	63.5	64.1	64.3	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 7000	63.5	63.7	64.4	64.6	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 6000	66.7	66.9	67.9	68.1	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	70.1	70.3	71.3	71.8	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	70.5	70.9	71.9	72.4	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	72.1	72.5	73.9	74.5	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	73.0	73.4	75.1	75.8	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	76.1	76.5	78.6	79.4	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	77.4	77.8	80.2	81.1	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	79.5	80.2	83.3	84.2	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	79.7	80.4	83.7	84.6	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	81.2	81.9	85.7	86.6	90.2	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	82.4	83.0	86.8	88.1	92.6	92.9	93.3	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	82.9	83.7	87.6	88.9	93.9	94.2	94.8	95.2	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	82.9	83.7	87.8	89.1	94.1	94.4	95.0	95.4	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	83.0	83.8	88.1	89.4	94.9	95.2	95.9	96.5	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	83.3	84.1	88.3	89.9	95.4	95.8	96.5	97.2	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	83.3	84.2	88.4	90.1	95.7	96.1	96.8	97.5	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	83.6	84.6	88.9	90.6	96.2	96.7	97.4	98.1	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	83.6	84.6	88.9	90.7	96.4	96.9	97.6	98.4	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.6	84.6	88.9	90.7	96.4	96.9	97.6	98.4	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.6	84.6	88.9	90.7	96.4	96.9	97.6	98.4	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.6	84.6	88.9	90.7	96.4	96.9	97.6	98.4	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.6	84.6	88.9	90.7	96.4	96.9	97.6	98.4	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.3	39.3	39.8	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 20000	42.2	42.2	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 18000	44.0	44.0	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 16000	44.5	44.5	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	45.8	45.8	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	48.2	48.2	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	52.6	52.9	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	55.2	55.5	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	59.1	59.4	60.2	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	59.4	59.6	60.4	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 6000	63.5	63.8	65.1	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	65.6	65.9	67.4	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	66.4	66.7	68.2	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4000	67.7	68.0	70.1	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	69.3	69.5	71.9	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	71.6	72.1	75.0	76.0	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	72.7	73.2	76.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	76.6	77.3	81.0	82.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	76.8	77.6	81.5	82.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	78.6	79.4	84.6	86.5	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	78.9	80.5	86.2	88.0	91.7	91.9	92.7	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	80.2	81.8	87.8	89.8	94.0	94.5	95.3	95.6	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	80.2	81.8	87.8	89.8	94.0	94.5	95.3	95.6	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	80.5	82.0	88.0	90.4	94.8	95.3	96.1	96.4	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	80.7	82.3	88.3	90.6	95.6	96.1	96.9	97.1	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	80.7	82.3	88.3	90.9	95.8	96.4	97.1	97.4	97.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	81.0	82.6	88.5	91.1	96.1	96.6	97.4	97.7	97.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	81.0	82.6	88.5	91.1	96.1	96.6	97.7	97.9	97.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	81.0	82.6	88.5	91.1	96.1	96.6	97.7	97.9	97.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0
GE 200	81.0	82.6	88.5	91.1	96.1	96.6	97.7	97.9	97.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0
GE 100	81.0	82.6	88.5	91.1	96.1	96.6	97.7	97.9	97.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0
GE 000	81.0	82.6	88.5	91.1	96.1	96.6	97.7	97.9	97.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 384

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	41.8	42.0	42.1	42.3	42.3	42.4	42.4	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.6
GE 20000	43.7	43.8	43.9	44.1	44.3	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.6
GE 18000	46.1	46.1	46.3	46.5	46.7	46.7	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0
GE 16000	46.7	46.8	47.0	47.1	47.3	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.6
GE 14000	48.5	48.6	48.8	48.9	49.1	49.1	49.2	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	51.7	51.8	52.0	52.1	52.4	52.4	52.4	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6
GE 10000	56.5	56.6	56.8	57.0	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5
GE 9000	58.7	58.8	59.0	59.1	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7
GE 8000	63.0	63.1	63.5	63.6	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 7000	63.9	64.0	64.4	64.6	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 6000	67.7	67.8	68.4	68.6	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5
GE 5000	70.4	70.5	71.2	71.5	72.3	72.3	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	71.1	71.2	72.0	72.3	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
GE 4000	72.8	73.0	74.1	74.5	75.5	75.5	75.6	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 3500	73.7	73.9	75.1	75.5	76.6	76.6	76.8	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 3000	76.1	76.5	78.0	78.5	80.0	80.1	80.4	80.6	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9
GE 2500	77.5	77.9	79.8	80.3	82.3	82.5	82.8	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.4
GE 2000	79.6	80.2	82.5	83.1	85.7	86.1	86.6	86.9	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4
GE 1800	79.9	80.5	82.9	83.6	86.3	86.6	87.2	87.5	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.1
GE 1500	81.0	81.7	84.5	85.2	88.4	88.9	89.8	90.2	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.9
CE 1200	81.8	82.6	85.6	86.5	90.2	90.8	91.9	92.4	92.5	93.4	93.6	93.6	93.6	93.6	93.6	93.7
GE 1000	82.5	83.3	86.5	87.4	91.5	92.1	93.3	94.1	94.2	95.5	95.7	95.7	95.7	95.7	95.7	95.8
GE 900	82.5	83.4	86.6	87.5	91.8	92.4	93.7	94.5	94.6	95.9	96.1	96.2	96.2	96.2	96.2	96.3
GE 800	82.3	83.7	87.1	88.1	92.6	93.3	94.6	95.6	95.7	97.2	97.4	97.4	97.5	97.5	97.5	97.6
GE 700	82.9	83.8	87.3	88.3	93.0	93.7	95.0	96.0	96.1	97.8	98.0	98.1	98.1	98.1	98.2	98.2
GE 600	83.1	84.0	87.7	88.8	93.5	94.2	95.6	96.6	96.7	98.6	98.8	98.8	98.9	98.9	99.0	99.1
GE 500	83.2	84.2	87.8	89.0	93.7	94.4	95.8	96.9	97.0	98.9	99.2	99.2	99.3	99.3	99.4	99.5
GE 400	83.3	84.3	87.9	89.1	93.8	94.6	96.0	97.2	97.3	99.2	99.5	99.5	99.6	99.7	99.8	99.8
GE 300	83.3	84.3	87.9	89.1	93.8	94.6	96.0	97.2	97.3	99.2	99.5	99.5	99.7	99.7	99.9	99.9
GE 200	83.3	84.3	87.9	89.1	93.8	94.6	96.0	97.2	97.3	99.2	99.5	99.6	99.7	99.7	99.9	100.0
GE 100	83.3	84.3	87.9	89.1	93.8	94.6	96.0	97.2	97.3	99.2	99.5	99.6	99.7	99.7	99.9	100.0
GE 000	83.3	84.3	87.9	89.1	93.8	94.6	96.0	97.2	97.3	99.2	99.5	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4737

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 16000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 6000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 3500	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 3000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	81.6	84.2	84.2	86.8	86.8	86.8	86.8	86.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	89.5	92.1	92.1	94.7	94.7	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.5	92.1	92.1	94.7	94.7	94.7	94.7	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 38

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 20000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 18000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 16000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4500	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	85.4	85.4	85.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	85.4	85.4	85.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	85.4	85.4	85.4	87.8	90.2	90.2	90.2	90.2	90.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	85.4	85.4	85.4	87.8	90.2	90.2	90.2	90.2	90.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	85.4	85.4	85.4	87.8	90.2	90.2	90.2	90.2	90.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	85.4	85.4	85.4	87.8	90.2	90.2	90.2	90.2	90.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.4	85.4	85.4	87.8	90.2	90.2	90.2	92.7	92.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 41

D - 2 - 100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.5	51.7	52.5	52.8	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0
GE 20000	51.7	51.9	52.8	53.0	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2
GE 18000	52.3	52.5	53.4	53.6	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8
GE 16000	52.7	52.9	53.8	54.0	54.8	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.2	55.2	55.2	55.2
GE 14000	53.4	53.6	54.6	54.8	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	56.1	56.1	56.1	56.1
GE 12000	55.2	55.4	56.4	56.7	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9
GE 10000	59.4	59.7	60.7	60.9	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1
GE 9000	60.0	60.3	61.3	61.5	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7
GE 8000	65.7	66.0	67.1	67.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
GE 7000	68.9	69.1	70.3	70.6	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	72.3	72.3	72.3	72.3
GE 6000	74.0	74.2	75.4	75.9	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.6	77.6	77.6	77.6
GE 5000	78.2	78.5	79.8	80.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.0
GE 4500	78.6	78.8	80.1	80.6	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.6	82.6	82.6	82.6
GE 4000	80.5	80.8	82.1	82.6	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.5	84.5	84.5	84.5
GE 3500	81.5	81.7	83.2	83.7	85.1	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.7
GE 3000	84.3	84.5	86.0	86.6	88.5	88.5	88.7	88.7	89.0	89.1	89.1	89.1	89.5	89.5	89.5	89.5
GE 2500	85.0	85.2	87.2	87.8	89.8	90.1	90.3	90.3	90.6	90.8	90.8	90.8	91.2	91.2	91.2	91.2
GE 2000	86.1	86.3	88.3	88.9	91.2	91.4	91.6	91.6	91.9	92.5	92.5	92.5	92.9	92.9	92.9	92.9
GE 1800	86.8	87.0	89.1	89.7	92.1	92.4	92.6	92.7	93.0	93.7	93.7	93.7	94.1	94.1	94.1	94.1
GE 1500	87.2	87.4	90.0	90.7	93.3	93.7	94.1	94.4	94.7	95.5	95.5	95.5	95.9	95.9	95.9	95.9
GE 1200	87.4	87.7	90.2	91.0	94.4	94.8	95.2	95.5	95.8	96.6	96.6	96.6	97.0	97.0	97.0	97.0
GE 1000	87.5	87.8	90.3	91.2	95.9	96.2	96.6	97.0	97.2	98.3	98.3	98.3	98.9	98.9	98.9	98.9
GE 900	87.5	87.8	90.3	91.2	95.9	96.2	96.6	97.0	97.2	98.3	98.3	98.3	98.9	98.9	98.9	98.9
GE 800	87.8	88.0	90.7	91.5	96.2	96.7	97.1	97.5	97.7	98.8	98.8	98.8	99.4	99.4	99.4	99.4
GE 700	88.0	88.3	90.9	91.8	96.5	97.0	97.3	97.7	97.9	99.2	99.2	99.2	99.8	99.8	99.8	99.8
GE 600	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 500	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 400	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 300	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 200	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 100	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 000	88.1	88.4	91.0	91.9	96.6	97.1	97.5	97.9	98.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 826

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	46.4	46.6	47.0	47.1	47.3	47.6	47.8	47.8	48.1	48.2	48.2	48.8	48.8	48.9	49.1
GE 20000	47.5	47.6	47.8	48.2	48.3	48.4	48.8	49.0	49.0	49.3	49.4	49.4	49.9	49.9	50.1	50.3
GE 18000	49.1	49.2	49.4	49.8	49.9	50.1	50.4	50.6	50.6	50.9	51.0	51.0	51.6	51.6	51.7	51.9
GE 16000	49.6	49.7	49.9	50.4	50.5	50.6	50.9	51.1	51.1	51.5	51.6	51.6	52.1	52.1	52.2	52.4
GE 14000	50.5	50.6	50.8	51.2	51.3	51.5	51.8	52.0	52.0	52.3	52.4	52.4	53.0	53.0	53.1	53.3
GE 12000	54.5	54.6	54.8	55.2	55.3	55.4	55.8	56.0	56.0	56.3	56.4	56.4	56.9	56.9	57.1	57.3
GE 10000	60.7	60.8	61.0	61.5	61.6	61.7	62.0	62.2	62.2	62.5	62.6	62.6	63.2	63.2	63.3	63.5
GE 9000	62.9	63.0	63.2	63.6	63.8	63.9	64.3	64.5	64.5	64.8	64.9	64.9	65.4	65.4	65.6	65.8
GE 8000	68.9	69.0	69.2	69.6	69.9	70.0	70.3	70.5	70.5	70.8	70.9	70.9	71.5	71.5	71.6	71.8
GE 7000	71.7	71.9	72.1	72.6	72.8	72.9	73.2	73.4	73.4	73.7	73.8	73.8	74.4	74.4	74.5	74.7
GE 6000	74.8	75.0	75.5	75.9	76.1	76.2	76.5	76.7	76.7	77.1	77.2	77.2	77.7	77.7	77.8	78.0
GE 5000	78.0	78.4	78.9	79.4	79.9	80.0	80.3	80.5	80.5	80.8	80.9	80.9	81.5	81.5	81.6	81.8
GE 4500	78.5	78.8	79.3	79.9	80.3	80.4	80.7	81.1	81.1	81.4	81.5	81.5	82.0	82.0	82.1	82.3
GE 4000	80.9	81.3	81.9	82.6	83.0	83.1	83.4	84.2	84.2	84.5	84.6	84.6	85.1	85.1	85.3	85.5
GE 3500	81.5	81.8	82.8	83.5	84.0	84.1	84.4	85.1	85.1	85.5	85.6	85.6	86.1	86.1	86.2	86.4
GE 3000	83.2	83.5	84.7	85.6	86.1	86.2	86.9	87.7	87.8	88.2	88.3	88.3	88.8	88.8	88.9	89.1
GE 2500	84.4	84.7	86.0	87.0	87.6	87.7	88.4	89.5	89.7	90.0	90.1	90.1	90.7	90.7	90.9	91.1
GE 2000	85.6	85.9	87.3	88.3	89.3	89.5	90.1	91.7	91.9	92.6	92.7	92.7	93.3	93.3	93.4	93.6
GE 1800	85.9	86.3	87.7	88.7	89.9	90.0	90.7	92.5	92.7	93.3	93.4	93.4	94.1	94.1	94.2	94.4
GE 1500	86.3	86.8	88.3	89.2	90.4	90.5	91.3	93.1	93.4	94.3	94.5	94.5	95.2	95.2	95.3	95.5
GE 1200	87.2	87.6	89.1	90.1	91.5	91.6	92.5	94.4	94.7	95.9	96.1	96.1	96.8	96.8	96.9	97.1
GE 1000	87.4	87.8	89.5	90.4	92.5	92.6	93.5	95.5	95.8	97.0	97.2	97.2	98.0	98.0	98.1	98.3
GE 900	87.4	87.8	89.5	90.4	92.5	92.6	93.5	95.5	95.8	97.0	97.2	97.2	98.0	98.0	98.1	98.3
GE 800	87.4	87.8	89.5	90.4	92.5	92.7	93.9	96.0	96.3	97.5	97.7	97.7	98.5	98.5	98.6	98.8
GE 700	87.4	87.8	89.5	90.4	92.5	92.7	94.0	96.1	96.4	97.7	98.1	98.1	98.8	98.8	98.9	99.1
GE 600	87.4	87.8	89.5	90.4	92.5	92.7	94.0	96.1	96.4	97.7	98.1	98.1	98.8	98.8	98.9	99.1
GE 500	87.4	87.8	89.5	90.4	92.5	92.7	94.0	96.2	96.6	98.2	98.6	98.6	99.4	99.4	99.5	99.7
GE 400	87.5	87.9	89.6	90.5	92.6	92.8	94.1	96.3	96.7	98.3	98.7	98.7	99.5	99.5	99.6	99.8
GE 300	87.5	87.9	89.6	90.5	92.6	92.8	94.1	96.3	96.7	98.3	98.7	98.7	99.5	99.5	99.7	99.9
GE 200	87.5	87.9	89.6	90.5	92.6	92.8	94.1	96.3	96.7	98.3	98.7	98.7	99.5	99.5	99.7	99.9
GE 100	87.5	87.9	89.6	90.5	92.6	92.8	94.1	96.3	96.7	98.3	98.7	98.7	99.5	99.5	99.8	100.0
GE 000	87.5	87.9	89.6	90.5	92.6	92.8	94.1	96.3	96.7	98.3	98.7	98.7	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	43.1	43.4	43.8	44.1	44.1	44.8	45.0	45.1	45.2	45.2	45.2	45.4	45.4	45.7	46.1
GE 20000	45.2	45.2	45.4	45.8	46.2	46.2	46.8	47.0	47.1	47.2	47.2	47.2	47.5	47.5	47.8	48.1
GE 18000	48.3	48.3	48.5	49.0	49.3	49.3	49.9	50.2	50.3	50.4	50.4	50.4	50.6	50.6	50.9	51.2
GE 16000	49.1	49.1	49.3	49.7	50.1	50.1	50.7	50.9	51.0	51.1	51.1	51.1	51.4	51.4	51.7	52.0
GE 14000	51.9	51.9	52.1	52.5	52.9	52.9	53.5	53.7	53.8	53.9	53.9	53.9	54.2	54.2	54.5	54.8
GE 12000	56.2	56.2	56.4	56.9	57.2	57.2	57.8	58.1	58.2	58.3	58.3	58.3	58.5	58.5	58.8	59.1
GE 10000	64.8	64.8	65.0	65.4	65.7	65.7	66.4	66.6	66.7	66.8	66.8	66.8	67.0	67.0	67.4	67.7
GE 9000	67.7	67.7	67.9	68.3	68.8	68.8	69.6	69.8	69.9	70.1	70.1	70.1	70.3	70.3	70.6	70.9
GE 8000	73.2	73.2	73.5	73.9	74.4	74.5	75.4	75.6	75.7	75.8	75.8	75.8	76.0	76.0	76.3	76.6
GE 7000	74.4	74.4	74.7	75.1	75.6	75.7	76.5	76.8	76.9	77.0	77.0	77.0	77.2	77.2	77.5	77.8
GE 6000	76.0	76.0	76.4	76.9	77.3	77.4	78.3	78.5	78.6	78.7	78.7	78.7	78.9	78.9	79.2	79.6
GE 5000	78.2	78.2	78.7	79.1	79.6	79.7	80.5	80.8	80.9	81.0	81.0	81.0	81.2	81.2	81.5	81.8
GE 4500	78.9	79.0	79.7	80.1	80.5	80.6	81.5	81.7	81.8	81.9	81.9	81.9	82.2	82.2	82.5	82.8
GE 4000	81.0	81.1	81.7	82.2	82.6	82.7	83.6	83.8	84.0	84.1	84.1	84.1	84.3	84.3	84.6	85.0
GE 3500	81.9	82.1	82.8	83.2	83.9	84.1	85.0	85.2	85.4	85.5	85.5	85.5	85.7	85.7	86.1	86.4
GE 3000	83.2	83.5	84.2	84.6	85.4	85.6	86.5	86.9	87.4	87.7	87.7	87.7	87.9	87.9	88.2	88.5
GE 2500	84.6	84.9	85.7	86.2	86.9	87.1	88.0	88.4	88.9	89.3	89.3	89.3	89.6	89.6	89.9	90.3
GE 2000	85.8	86.1	86.9	87.7	88.9	89.1	90.2	90.9	91.6	92.4	92.4	92.4	92.8	92.8	93.1	93.4
GE 1800	85.8	86.1	86.9	87.7	88.9	89.1	90.3	91.0	91.7	92.5	92.5	92.5	92.9	92.9	93.2	93.5
GE 1500	86.3	86.6	87.7	88.5	89.7	89.9	91.5	92.2	92.9	93.8	93.9	93.9	94.3	94.3	94.6	94.9
GE 1200	86.7	87.0	88.3	89.2	90.7	90.9	92.4	93.2	93.8	94.8	94.9	94.9	95.2	95.2	95.6	95.9
GE 1000	86.9	87.2	88.6	89.5	91.1	91.4	93.0	93.9	94.6	95.6	95.7	95.7	96.3	96.3	96.6	97.0
GE 900	86.9	87.2	88.6	89.5	91.2	91.5	93.3	94.3	94.9	96.0	96.1	96.1	96.9	96.9	97.2	97.5
GE 800	86.9	87.2	88.6	89.5	91.4	91.6	93.4	94.6	95.2	96.3	96.5	96.5	97.3	97.3	97.6	97.9
GE 700	86.9	87.2	88.6	89.6	91.6	91.8	93.6	94.8	95.5	96.6	96.9	96.9	97.6	97.6	97.9	98.3
GE 600	86.9	87.2	88.6	89.6	91.6	91.9	93.7	95.0	95.8	97.1	97.3	97.3	98.1	98.1	98.4	98.7
GE 500	86.9	87.2	88.6	89.6	91.6	91.9	93.7	95.0	95.8	97.1	97.5	97.5	98.5	98.5	98.8	99.1
GE 400	87.0	87.4	88.8	89.7	91.8	92.1	93.9	95.2	96.0	97.3	97.7	97.7	98.7	98.8	99.1	99.5
GE 300	87.0	87.4	88.8	89.7	91.8	92.1	93.9	95.2	96.0	97.3	97.7	97.7	98.7	98.8	99.1	99.5
GE 200	87.0	87.4	88.8	89.7	91.8	92.1	93.9	95.2	96.0	97.3	97.8	97.8	98.8	98.9	99.5	99.9
GE 100	87.0	87.4	88.8	89.7	91.8	92.1	93.9	95.2	96.0	97.3	97.8	97.8	98.8	98.9	99.5	100.0
GE 000	87.0	87.4	88.8	89.7	91.8	92.1	93.9	95.2	96.0	97.3	97.8	97.8	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	42.4	42.6	43.1	43.8	43.9	43.9	43.9	43.9	44.3	44.4	44.4	44.5	44.5	44.5	44.9
GE 20000	43.5	43.5	43.7	44.2	44.9	45.0	45.0	45.0	45.0	45.4	45.5	45.5	45.6	45.6	45.6	46.0
GE 18000	47.3	47.3	47.5	48.0	48.7	48.9	48.9	48.9	48.9	49.2	49.3	49.3	49.4	49.4	49.4	49.8
GE 16000	48.2	48.2	48.4	48.9	49.6	49.7	49.7	49.7	49.7	50.1	50.2	50.2	50.3	50.3	50.3	50.7
GE 14000	50.5	50.5	50.7	51.1	51.9	52.0	52.0	52.0	52.0	52.3	52.5	52.5	52.6	52.6	52.6	53.0
GE 12000	54.5	54.5	54.7	55.2	55.9	56.1	56.1	56.1	56.1	56.4	56.5	56.5	56.6	56.6	56.6	57.0
GE 10000	62.8	62.8	63.0	63.5	64.2	64.3	64.3	64.3	64.3	64.7	64.8	64.8	64.9	64.9	64.9	65.3
GE 9000	67.4	67.4	67.6	68.0	68.8	68.9	68.9	69.0	69.0	69.4	69.5	69.5	69.6	69.6	69.6	70.0
GE 8000	73.2	73.2	73.4	73.8	74.6	74.7	74.7	74.8	74.8	75.1	75.2	75.2	75.4	75.4	75.4	75.8
GE 7000	73.8	73.8	74.0	74.5	75.2	75.4	75.4	75.5	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.4
GE 6000	76.4	76.4	76.7	77.1	78.0	78.1	78.2	78.3	78.3	78.6	78.7	78.7	78.8	78.8	78.8	79.3
GE 5000	79.2	79.2	79.4	79.8	80.7	80.8	80.9	81.0	81.0	81.4	81.5	81.5	81.6	81.6	81.6	82.0
GE 4500	79.7	79.7	79.9	80.4	81.2	81.4	81.5	81.6	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.6
GE 4000	80.5	80.5	80.7	81.1	82.0	82.1	82.2	82.3	82.3	82.7	82.8	82.8	82.9	82.9	82.9	83.3
GE 3500	81.8	81.8	82.0	82.4	83.3	83.4	83.5	83.8	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.7
GE 3000	83.2	83.3	83.5	84.0	85.3	85.4	85.7	86.2	86.2	86.5	86.6	86.6	86.7	86.7	86.7	87.1
GE 2500	84.1	84.2	84.5	85.2	87.0	87.1	87.5	87.9	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.9
GE 2000	85.9	86.2	86.9	88.1	90.0	90.1	90.6	91.1	91.1	91.6	91.7	91.7	91.8	91.8	91.8	92.3
GE 1800	85.9	86.3	87.0	88.2	90.2	90.4	90.9	91.4	91.4	92.1	92.3	92.3	92.4	92.4	92.4	92.8
GE 1500	86.6	86.9	87.7	89.1	91.2	91.4	92.0	92.9	93.0	93.9	94.0	94.0	94.1	94.1	94.1	94.5
GE 1200	87.1	87.5	88.2	90.0	92.3	92.5	93.2	94.1	94.2	95.1	95.2	95.2	95.3	95.3	95.3	95.7
GE 1000	87.4	87.7	88.4	90.3	93.0	93.2	94.0	94.9	95.0	96.0	96.2	96.2	96.4	96.4	96.4	96.8
GE 900	87.4	87.7	88.4	90.3	93.3	93.7	94.5	95.4	95.5	96.7	97.1	97.1	97.3	97.3	97.3	97.7
GE 800	87.4	87.7	88.5	90.4	93.5	93.8	94.8	95.7	95.9	97.1	97.5	97.5	97.7	97.7	97.7	98.1
GE 700	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.5	98.0	98.0	98.3	98.3	98.3	98.7
GE 600	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.7	98.3	98.3	98.7	98.7	98.7	99.1
GE 500	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.8	98.4	98.4	99.0	99.0	99.0	99.5
GE 400	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.8	98.5	98.5	99.1	99.1	99.2	99.8
GE 300	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.8	98.5	98.5	99.1	99.1	99.2	99.8
GE 200	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.8	98.5	98.5	99.1	99.1	99.2	99.8
GE 100	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.8	98.5	98.5	99.1	99.1	99.2	100.0
GE 000	87.5	87.8	88.7	90.7	93.8	94.1	95.1	96.1	96.2	97.8	98.5	98.5	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	47.2	47.6	48.2	48.5	48.5	48.5	48.5	48.6	48.9	49.3	49.3	49.7	49.7	49.9	50.1
GE 20000	48.7	48.8	49.3	49.8	50.2	50.2	50.2	50.2	50.3	50.6	50.9	50.9	51.4	51.4	51.6	51.7
GE 18000	50.9	51.1	51.5	52.1	52.4	52.4	52.4	52.4	52.5	52.8	53.2	53.2	53.6	53.6	53.8	54.0
GE 16000	52.0	52.1	52.5	53.1	53.4	53.4	53.4	53.4	53.5	53.8	54.2	54.2	54.6	54.6	54.8	55.0
GE 14000	53.5	53.6	54.2	54.7	55.1	55.1	55.1	55.1	55.2	55.5	55.9	55.9	56.3	56.3	56.5	56.6
GE 12000	55.6	55.7	56.3	56.9	57.2	57.2	57.2	57.2	57.3	57.6	58.0	58.0	58.4	58.4	58.6	58.8
GE 10000	62.5	62.7	63.2	63.8	64.1	64.1	64.1	64.1	64.2	64.5	64.9	64.9	65.3	65.3	65.6	65.7
GE 9000	66.7	66.8	67.3	67.9	68.2	68.2	68.2	68.2	68.3	68.7	69.0	69.0	69.5	69.5	69.7	69.8
GE 8000	71.9	72.0	72.6	73.1	73.5	73.5	73.5	73.5	73.6	73.9	74.2	74.2	74.7	74.7	74.9	75.0
GE 7000	72.4	72.5	73.0	73.6	73.9	73.9	73.9	73.9	74.0	74.4	74.7	74.7	75.1	75.1	75.4	75.5
GE 6000	74.9	75.0	75.7	76.4	76.7	76.9	76.9	76.9	77.0	77.4	77.7	77.7	78.1	78.1	78.4	78.5
GE 5000	77.8	77.9	78.8	79.7	80.0	80.3	80.3	80.3	80.4	80.7	81.0	81.0	81.5	81.5	81.7	81.8
GE 4500	78.6	78.7	79.6	80.6	80.9	81.2	81.2	81.2	81.3	81.6	81.9	81.9	82.4	82.4	82.6	82.7
GE 4000	80.2	80.3	81.2	82.2	82.5	82.7	82.7	82.7	82.8	83.2	83.5	83.5	83.9	83.9	84.2	84.3
GE 3500	81.0	81.3	82.2	83.3	83.7	83.9	83.9	83.9	84.1	84.4	84.7	84.7	85.2	85.2	85.4	85.5
GE 3000	83.1	83.4	84.5	85.6	86.4	86.6	86.6	86.7	86.8	87.2	87.5	87.5	88.0	88.0	88.2	88.3
GE 2500	84.2	84.5	86.0	87.1	88.3	88.5	88.5	88.6	88.7	89.1	89.4	89.4	89.9	89.9	90.1	90.2
GE 2000	85.6	86.0	87.4	88.9	90.5	90.9	91.3	91.4	91.5	91.9	92.2	92.2	92.6	92.6	92.9	93.0
GE 1800	85.6	86.0	87.4	88.9	90.5	90.9	91.3	91.4	91.5	92.1	92.5	92.5	93.0	93.0	93.2	93.3
GE 1500	85.8	86.6	88.1	90.1	91.9	92.2	93.1	93.5	93.6	94.3	94.8	94.8	95.2	95.2	95.4	95.5
GE 1200	86.4	87.4	88.9	91.2	93.1	93.4	94.3	94.8	94.9	95.5	96.0	96.0	96.4	96.4	96.7	96.8
GE 1000	86.7	87.7	89.3	91.8	94.0	94.3	95.2	95.7	95.8	96.4	96.9	96.9	97.3	97.3	97.5	97.7
GE 900	86.8	87.8	89.6	92.2	94.5	94.9	96.0	96.4	96.5	97.2	97.7	97.7	98.1	98.1	98.3	98.4
GE 800	87.1	88.1	89.9	92.4	94.8	95.1	96.2	96.8	96.9	97.5	98.0	98.0	98.4	98.4	98.7	98.8
GE 700	87.4	88.4	90.2	92.8	95.1	95.4	96.5	97.1	97.2	97.9	98.3	98.3	98.8	98.8	99.0	99.1
GE 600	87.5	88.5	90.3	92.9	95.2	95.5	96.8	97.4	97.5	98.3	98.8	98.8	99.6	99.6	99.8	99.9
GE 500	87.5	88.5	90.3	92.9	95.2	95.5	96.8	97.4	97.5	98.3	98.8	98.8	99.6	99.6	99.8	99.9
GE 400	87.5	88.5	90.3	92.9	95.2	95.5	96.8	97.4	97.5	98.3	98.8	98.8	99.6	99.6	99.8	99.9
GE 300	87.6	88.6	90.4	93.0	95.3	95.7	96.9	97.5	97.7	98.4	98.9	98.9	99.7	99.7	99.9	100.0
GE 200	87.6	88.6	90.4	93.0	95.3	95.7	96.9	97.5	97.7	98.4	98.9	98.9	99.7	99.7	99.9	100.0
GE 100	87.6	88.6	90.4	93.0	95.3	95.7	96.9	97.5	97.7	98.4	98.9	98.9	99.7	99.7	99.9	100.0
GE 000	87.6	88.6	90.4	93.0	95.3	95.7	96.9	97.5	97.7	98.4	98.9	98.9	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	48.1	50.1	50.6	51.9	52.1	52.3	52.3	52.3	52.6	53.1	53.1	53.6	53.6	53.8	53.8
GE 20000	48.1	48.6	50.6	51.1	52.3	52.6	52.8	52.8	52.8	53.1	53.6	53.6	54.1	54.1	54.3	54.3
GE 18000	50.4	50.9	52.8	53.3	54.6	54.8	55.1	55.1	55.1	55.3	55.8	55.8	56.3	56.3	56.5	56.5
GE 16000	53.6	54.1	56.0	56.5	57.8	58.0	58.3	58.3	58.3	58.5	59.0	59.0	59.5	59.5	59.8	59.8
GE 14000	54.6	55.1	57.3	57.8	59.0	59.3	59.5	59.5	59.5	59.8	60.2	60.2	60.7	60.7	61.0	61.0
GE 12000	55.3	55.8	58.0	58.5	59.8	60.0	60.2	60.2	60.2	60.5	61.0	61.0	61.5	61.5	61.7	61.7
GE 10000	63.2	63.7	65.9	66.4	67.7	67.9	68.1	68.1	68.1	68.4	68.9	68.9	69.4	69.4	69.6	69.6
GE 9000	66.2	66.7	68.9	69.4	70.6	70.9	71.1	71.1	71.1	71.4	71.9	71.9	72.3	72.3	72.6	72.6
GE 8000	70.6	71.1	73.3	73.8	75.1	75.3	75.6	75.6	75.6	76.0	76.5	76.5	77.0	77.0	77.3	77.3
GE 7000	71.9	72.3	74.6	75.1	76.3	76.5	76.8	76.8	76.8	77.3	77.8	77.8	78.3	78.3	78.5	78.5
GE 6000	73.6	74.1	76.8	77.5	78.8	79.0	79.3	79.3	79.3	79.8	80.2	80.2	80.7	80.7	81.0	81.0
GE 5000	76.5	77.0	80.2	81.0	82.2	82.5	82.7	82.7	82.7	83.2	83.7	83.7	84.2	84.2	84.4	84.4
GE 4500	77.0	77.5	80.7	81.5	82.7	83.0	83.2	83.2	83.2	83.7	84.2	84.2	84.7	84.7	84.9	84.9
GE 4000	78.3	78.8	82.0	82.7	84.0	84.2	84.4	84.4	84.4	84.9	85.4	85.4	85.9	85.9	86.2	86.2
GE 3500	79.0	79.5	82.7	83.5	84.7	84.9	85.2	85.2	85.2	85.7	86.2	86.2	86.7	86.7	86.9	86.9
GE 3000	80.5	81.2	84.9	85.7	87.2	87.4	87.7	87.7	87.7	88.1	88.6	88.6	89.1	89.1	89.4	89.4
GE 2500	81.7	82.7	86.4	87.4	89.4	89.6	89.9	89.9	89.9	90.4	90.9	90.9	91.4	91.4	91.6	91.6
GE 2000	83.5	84.4	88.1	89.1	91.4	91.6	91.9	91.9	91.9	92.3	92.8	92.8	93.3	93.3	93.6	93.6
GE 1800	83.7	84.7	88.4	89.4	91.6	91.9	92.1	92.1	92.1	92.6	93.1	93.1	93.6	93.6	93.8	93.8
GE 1500	84.2	85.4	89.4	90.4	92.6	92.8	93.6	93.8	93.8	94.3	94.8	94.8	95.3	95.3	95.6	95.6
GE 1200	84.7	85.9	89.9	91.1	93.6	93.8	94.6	94.8	94.8	95.3	95.8	95.8	96.3	96.3	96.5	96.5
GE 1000	85.7	86.9	90.9	92.1	95.3	95.6	96.3	96.5	96.5	97.3	97.8	97.8	98.3	98.3	98.5	98.5
GE 900	85.9	87.2	91.1	92.3	95.6	95.8	96.5	96.8	96.8	97.5	98.0	98.0	98.5	98.5	98.8	98.8
GE 800	85.9	87.2	91.1	92.3	95.6	95.8	96.5	96.8	96.8	97.5	98.0	98.0	98.5	98.5	98.8	98.8
GE 700	86.4	87.7	91.6	92.8	96.0	96.3	97.0	97.3	97.3	98.0	98.5	98.5	99.0	99.0	99.3	99.3
GE 600	86.7	87.9	91.9	93.1	96.3	96.5	97.5	97.8	97.8	98.5	99.0	99.0	99.5	99.5	99.8	99.8
GE 500	86.7	87.9	91.9	93.1	96.3	96.5	97.5	97.8	97.8	98.5	99.0	99.0	99.5	99.5	99.8	99.8
GE 400	86.7	87.9	91.9	93.1	96.3	96.5	97.5	97.8	97.8	98.5	99.0	99.0	99.5	99.5	99.8	99.8
GE 300	86.7	87.9	91.9	93.1	96.3	96.5	97.5	97.8	97.8	98.5	99.0	99.0	99.5	99.5	99.8	99.8
GE 200	86.7	87.9	91.9	93.1	96.3	96.5	97.5	97.8	97.8	98.5	99.0	99.0	99.5	99.5	99.8	99.8
GE 100	86.7	87.9	91.9	93.1	96.3	96.5	97.5	97.8	97.8	98.5	99.0	99.0	99.5	99.5	99.8	99.8
GE 000	86.7	87.9	91.9	93.1	96.3	96.8	97.8	98.0	98.0	98.8	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	46.1	46.6	47.0	47.5	47.6	47.8	47.9	48.0	48.2	48.3	48.3	48.6	48.6	48.8	49.0
GE 20000	47.2	47.3	47.8	48.2	48.7	48.8	49.0	49.1	49.1	49.4	49.5	49.5	49.8	49.8	50.0	50.2
GE 18000	49.5	49.6	50.1	50.6	51.1	51.1	51.3	51.4	51.5	51.7	51.8	51.8	52.2	52.2	52.3	52.5
GE 16000	50.6	50.8	51.3	51.7	52.2	52.3	52.5	52.6	52.6	52.8	53.0	53.0	53.3	53.3	53.4	53.6
GE 14000	52.2	52.4	52.9	53.3	53.9	53.9	54.1	54.2	54.3	54.5	54.6	54.6	54.9	54.9	55.1	55.3
GE 12000	55.3	55.4	56.0	56.4	56.9	57.0	57.2	57.3	57.3	57.5	57.7	57.7	58.0	58.0	58.1	58.3
GE 10000	62.2	62.3	62.9	63.3	63.8	63.9	64.1	64.2	64.2	64.4	64.6	64.6	64.9	64.9	65.0	65.2
GE 9000	65.1	65.2	65.7	66.2	66.7	66.8	67.0	67.1	67.2	67.4	67.6	67.6	67.9	67.9	68.0	68.2
GE 8000	70.6	70.7	71.3	71.8	72.3	72.4	72.7	72.8	72.8	73.1	73.2	73.2	73.5	73.5	73.7	73.9
GE 7000	72.2	72.3	72.9	73.4	74.0	74.1	74.3	74.4	74.5	74.7	74.8	74.8	75.2	75.2	75.3	75.5
GE 6000	75.0	75.1	75.9	76.4	77.0	77.1	77.4	77.5	77.6	77.8	77.9	77.9	78.3	78.3	78.4	78.6
GE 5000	78.0	78.2	79.1	79.6	80.3	80.4	80.7	80.8	80.9	81.1	81.2	81.2	81.6	81.6	81.7	81.9
GE 4500	78.6	78.8	79.7	80.3	81.0	81.1	81.4	81.5	81.5	81.8	81.9	81.9	82.3	82.3	82.4	82.6
GE 4000	80.3	80.5	81.4	82.0	82.7	82.8	83.1	83.3	83.4	83.6	83.8	83.8	84.1	84.1	84.3	84.5
GE 3500	81.3	81.5	82.5	83.1	83.9	84.1	84.4	84.6	84.7	84.9	85.0	85.0	85.4	85.4	85.5	85.7
GE 3000	83.1	83.4	84.5	85.2	86.3	86.4	86.8	87.2	87.3	87.6	87.8	87.8	88.1	88.1	88.3	88.5
GE 2500	84.2	84.5	85.9	86.7	88.0	88.2	88.6	89.0	89.2	89.5	89.6	89.6	90.0	90.0	90.2	90.4
GE 2000	85.6	86.0	87.4	88.4	90.1	90.3	90.8	91.4	91.6	92.2	92.3	92.3	92.7	92.7	92.9	93.1
GE 1800	85.8	86.2	87.7	88.7	90.4	90.6	91.2	91.8	92.1	92.7	92.9	92.9	93.3	93.3	93.4	93.6
GE 1500	86.3	86.8	88.4	89.6	91.4	91.6	92.4	93.3	93.6	94.4	94.6	94.6	95.0	95.0	95.1	95.3
GE 1200	86.8	87.3	89.0	90.4	92.4	92.7	93.6	94.4	94.7	95.6	95.8	95.8	96.2	96.2	96.3	96.5
GE 1000	87.1	87.6	89.3	90.7	93.4	93.6	94.5	95.4	95.7	96.7	96.9	96.9	97.4	97.4	97.6	97.8
GE 900	87.1	87.6	89.4	90.8	93.6	93.9	94.9	95.7	96.0	97.1	97.3	97.3	97.9	97.9	98.0	98.2
GE 800	87.2	87.7	89.5	91.0	93.7	94.0	95.1	96.1	96.4	97.5	97.8	97.8	98.3	98.3	98.4	98.6
GE 700	87.3	87.9	89.7	91.2	94.0	94.3	95.4	96.4	96.7	97.8	98.1	98.1	98.7	98.7	98.8	99.0
GE 600	87.4	87.9	89.8	91.2	94.0	94.4	95.5	96.6	96.9	98.1	98.4	98.4	99.1	99.1	99.2	99.4
GE 500	87.4	87.9	89.8	91.2	94.0	94.4	95.5	96.6	96.9	98.2	98.6	98.6	99.3	99.3	99.4	99.6
GE 400	87.4	88.0	89.8	91.3	94.1	94.4	95.5	96.6	96.9	98.3	98.7	98.7	99.4	99.4	99.6	99.8
GE 300	87.5	88.0	89.8	91.3	94.1	94.4	95.6	96.7	97.0	98.3	98.7	98.7	99.4	99.4	99.6	99.8
GE 200	87.5	88.0	89.8	91.3	94.1	94.4	95.6	96.7	97.0	98.3	98.7	98.7	99.4	99.4	99.7	99.9
GE 100	87.5	88.0	89.8	91.3	94.1	94.4	95.6	96.7	97.0	98.3	98.7	98.7	99.4	99.4	99.7	100.0
GE 000	87.5	88.0	89.8	91.3	94.1	94.5	95.6	96.7	97.0	98.3	98.7	98.7	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4978

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.3	42.4	42.6	42.7	42.8	42.8	42.9	42.9	42.9	43.0	43.1	43.1	43.2	43.2	43.3	43.4
GE 20000	44.9	45.0	45.2	45.2	45.4	45.4	45.5	45.5	45.5	45.6	45.7	45.7	45.8	45.8	45.9	46.0
GE 18000	47.3	47.3	47.5	47.6	47.8	47.8	47.9	47.9	47.9	48.0	48.1	48.1	48.2	48.2	48.3	48.3
GE 16000	48.2	48.2	48.4	48.5	48.7	48.7	48.8	48.8	48.8	48.9	49.0	49.0	49.1	49.1	49.2	49.3
GE 14000	50.0	50.1	50.3	50.3	50.5	50.5	50.6	50.6	50.7	50.8	50.8	50.8	50.9	50.9	51.0	51.1
GE 12000	53.1	53.1	53.3	53.4	53.6	53.6	53.7	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.1	54.1
GE 10000	58.3	58.4	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.1	59.2	59.2	59.3	59.3	59.4	59.5
GE 9000	60.7	60.8	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.8	61.9
GE 8000	65.3	65.4	65.7	65.8	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4	66.5	66.5	66.6
GE 7000	67.3	67.4	67.7	67.8	68.0	68.1	68.2	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.6	68.7
GE 6000	70.9	71.0	71.3	71.4	71.7	71.8	71.8	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.4
GE 5000	74.7	74.8	75.2	75.4	75.8	75.8	75.9	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.4
GE 4500	76.0	76.2	76.6	76.7	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.7	77.7	77.8	77.8
GE 4000	78.4	78.6	79.1	79.3	79.7	79.8	79.9	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.4	80.4
GE 3500	80.0	80.2	80.7	80.9	81.4	81.5	81.6	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.1	82.2
GE 3000	82.6	82.8	83.5	83.7	84.4	84.5	84.7	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.3	85.4
GE 2500	84.5	84.7	85.6	85.8	86.6	86.7	87.0	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.7	87.8
GE 2000	86.4	86.6	87.6	87.9	88.9	89.1	89.4	89.7	89.7	90.0	90.1	90.1	90.2	90.2	90.3	90.4
GE 1800	86.7	87.0	88.0	88.3	89.4	89.6	90.0	90.3	90.3	90.6	90.7	90.7	90.8	90.8	90.9	91.0
GE 1500	88.0	88.3	89.4	89.9	91.0	91.3	91.8	92.2	92.3	92.7	92.8	92.8	92.9	92.9	93.0	93.1
GE 1200	89.0	89.3	90.6	91.1	92.5	92.7	93.3	93.8	93.9	94.4	94.6	94.6	94.7	94.7	94.8	94.9
GE 1000	89.8	90.1	91.5	92.1	93.7	94.0	94.7	95.3	95.4	96.1	96.2	96.2	96.4	96.4	96.5	96.6
GE 900	89.9	90.3	91.7	92.3	94.0	94.3	95.1	95.6	95.8	96.5	96.7	96.7	96.9	96.9	97.0	97.1
GE 800	90.2	90.5	92.1	92.7	94.5	94.9	95.7	96.3	96.5	97.3	97.5	97.5	97.7	97.7	97.9	97.9
GE 700	90.4	90.8	92.4	93.1	95.0	95.3	96.2	96.8	97.0	97.8	98.1	98.1	98.3	98.4	98.5	98.5
GE 600	90.6	91.0	92.6	93.3	95.3	95.7	96.6	97.3	97.5	98.4	98.7	98.7	98.9	98.9	99.1	99.1
GE 500	90.7	91.1	92.8	93.5	95.5	95.9	96.8	97.6	97.8	98.7	99.0	99.0	99.3	99.3	99.5	99.5
GE 400	90.7	91.1	92.8	93.6	95.6	96.0	96.9	97.7	97.9	98.8	99.2	99.2	99.5	99.5	99.7	99.8
GE 300	90.7	91.1	92.8	93.6	95.6	96.0	97.0	97.7	97.9	98.9	99.2	99.3	99.5	99.6	99.8	99.8
GE 200	90.7	91.1	92.8	93.6	95.6	96.0	97.0	97.7	97.9	98.9	99.3	99.3	99.6	99.6	99.8	99.9
GE 100	90.7	91.1	92.8	93.6	95.7	96.0	97.0	97.7	97.9	98.9	99.3	99.3	99.6	99.7	99.9	100.0
GE 000	90.7	91.1	92.8	93.6	95.7	96.0	97.0	97.7	97.9	98.9	99.3	99.3	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 57993

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	20.9	25.2	27.8	26.1		53.9	.9	115
03-05	21.5	24.3	22.4	31.8		54.2		107
06-08	23.2	26.2	24.0	26.2	.4	50.6	.4	828
09-11	17.8	24.2	27.6	30.3	.1	58.0	1.4	921
12-14	17.7	20.1	30.0	32.1	.2	62.3	1.5	917
15-17	18.6	21.2	25.2	34.4	.5	60.2	1.2	919
18-20	23.9	20.3	22.3	33.4		55.7	.5	919
21-23	25.0	23.1	20.6	30.6	.6	51.9	1.5	480
ALL HOURS	20.7	22.5	25.4	31.2	.3	56.8	1.0	5206

MONTH: FEB HOURS: ALL

00-02	4.7	34.9	32.6	25.6	2.3	60.5		43
03-05	7.1	31.0	35.7	23.8	2.4	61.9		42
06-08	23.0	21.0	23.6	32.2	.1	56.0	.3	729
09-11	21.1	17.4	28.1	33.3	.1	61.5		844
12-14	22.3	12.8	32.2	32.4	.2	64.8	.7	842
15-17	20.0	16.6	30.5	32.3	.5	63.4	.6	838
18-20	23.4	22.2	21.2	32.7	.5	54.4	.4	820
21-23	24.7	20.2	23.2	31.6	.3	55.1		392
ALL HOURS	21.9	18.4	27.0	32.4	.3	59.7	.4	4550

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	50.0	50.0						2
03-05	96.0		4.0			4.0		25
06-08	25.9	25.5	26.4	22.2		48.6	.6	792
09-11	24.3	22.7	32.0	21.0		53.0	.7	909
12-14	21.8	27.3	32.9	18.0		50.9	.4	912
15-17	20.4	26.8	35.1	17.7		52.8	.2	906
18-20	25.0	29.0	24.8	21.2		46.0	.6	904
21-23	31.1	27.3	19.7	21.9		41.6	1.0	421
ALL HOURS	24.5	26.2	29.3	20.0		49.3	.5	4871

MONTH: APR HOURS: ALL

00-02			80.0	20.0		100.0		5
03-05	34.7	22.7	17.3	25.3		42.7		75
06-08	16.6	26.0	27.5	29.3	.7	57.5	.4	755
09-11	16.9	24.5	31.9	26.4	.3	58.7	.4	890
12-14	12.6	26.2	36.8	23.9	.4	61.2	.2	896
15-17	11.8	23.6	38.9	25.5	.1	64.6	.2	822
18-20	13.3	25.2	31.8	29.6	.1	61.5	.4	777
21-23	15.5	34.5	19.3	30.4	.3	50.0		296
ALL HOURS	14.6	25.6	32.4	27.0	.3	59.7	.3	4516

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02		75.0		25.0		25.0		4
03-05	12.8	26.8	26.2	34.1		60.4		164
06-08	11.6	22.2	35.7	30.1	.3	66.2	.2	904
09-11	8.6	26.3	35.8	29.3		65.1	.2	917
12-14	4.0	22.6	46.4	26.9		73.4	.2	924
15-17	3.0	20.1	48.7	28.3		77.0		881
18-20	5.0	22.6	45.0	27.3		72.3		853
21-23	3.8	31.1	41.7	23.5		65.2	1.5	132
ALL HOURS	6.6	23.2	41.7	28.5	.1	70.2	.2	4779

MONTH: JUN HOURS: ALL

00-02		100.0						1
03-05	8.3	20.7	28.4	42.6		71.0		169
06-08	7.3	22.6	30.7	39.4		70.1	.4	890
09-11	5.3	23.5	35.7	35.6		71.3	.6	894
12-14	1.8	24.0	40.6	33.6		74.2	.2	893
15-17	.9	22.1	44.6	32.3		76.9		876
18-20	1.1	21.3	46.6	31.0		77.6	.1	874
21-23	3.3	25.4	41.8	29.5		71.3		122
ALL HOURS	3.5	22.7	39.2	34.6		73.8	.3	4719

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	25.0	25.0		50.0		50.0		4
03-05	7.0	18.7	26.7	47.6		74.3		187
06-08	8.4	15.4	27.5	48.5	.2	76.2	.1	925
09-11	6.3	20.6	31.4	41.7		73.1		925
12-14	3.3	22.0	37.7	37.0		74.7		921
15-17	2.4	21.1	43.9	32.6		76.5		918
18-20	3.4	19.7	38.8	38.1		76.9		922
21-23	5.4	17.1	41.9	35.7		77.5		129
ALL HOURS	4.9	19.7	35.6	39.8	.0	75.5	.0	4931

MONTH: AUG HOURS: ALL

00-02				100.0		100.0		1
03-05	7.5	16.7	28.0	47.8		75.8		186
06-08	7.3	13.1	32.3	47.4		79.7	.1	924
09-11	8.3	15.5	32.9	43.3		76.2		917
12-14	5.0	20.7	34.0	40.2		74.3		917
15-17	3.1	22.6	36.1	38.1		74.2		923
18-20	4.0	23.2	36.8	36.0		72.8		924
21-23	4.8	24.0	36.0	34.4	.8	71.2		125
ALL HOURS	5.6	19.1	34.2	41.1	.0	75.4	.0	4917

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05	11.7	21.2	26.3	40.8		67.0		179
06-08	8.6	16.0	29.5	45.9		75.4	.4	899
09-11	7.4	17.6	32.4	42.6		75.0	.2	897
12-14	5.5	17.4	41.2	35.9		77.1	.1	896
15-17	4.0	20.6	37.2	38.0	.2	75.4		898
18-20	6.9	18.2	34.4	40.5		74.9		899
21-23	3.4	17.6	33.6	45.4		79.0		119
ALL HOURS	6.6	18.1	34.6	40.7	.0	75.3	.1	4787

MONTH: OCT HOURS: ALL

00-02	6.7	26.7	6.7	53.3	6.7	66.7	3.3	30
03-05	11.9	16.6	17.1	53.9	.5	71.5	.5	193
06-08	10.3	13.0	19.1	56.1	1.4	76.7	.9	914
09-11	8.9	10.2	23.9	56.4	.6	81.0	1.3	924
12-14	9.6	11.9	25.7	52.8		78.5	1.3	926
15-17	9.5	13.7	27.2	49.2	.4	76.8	.2	927
18-20	12.2	13.5	23.9	50.0	.4	74.3	.3	926
21-23	13.0	14.6	17.2	53.6	1.6	72.4	1.6	192
ALL HOURS	10.3	12.8	23.4	53.0	.7	77.0	.8	5032

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	28.6		57.1	14.3		71.4		7
03-05		25.0	50.0	25.0		75.0		4
06-08	24.1	18.2	17.7	39.8	.3	57.7	.3	792
09-11	16.1	18.4	24.4	41.1		65.5	.8	896
12-14	16.2	16.0	27.1	40.8		67.9	.6	890
15-17	14.7	17.7	24.0	43.5	.1	67.6		889
18-20	17.7	18.5	20.5	43.2	.1	63.8	.5	880
21-23	19.0	15.1	21.6	44.4		66.0	.8	385
ALL HOURS	17.7	17.5	22.8	41.9	.1	64.8	.4	4743

MONTH: DEC HOURS: ALL

00-02	2.6	28.2	23.1	46.2		69.2	5.1	39
03-05	14.6	22.0	19.5	41.5	2.4	63.4	7.3	41
06-08	25.8	21.9	16.1	36.2		52.3	1.2	826
09-11	20.1	23.0	21.5	35.2	.1	56.8	2.0	929
12-14	17.6	19.7	27.3	35.4		62.7	1.4	926
15-17	17.8	20.4	24.1	37.6	.1	61.8	1.2	916
18-20	20.7	23.7	17.9	37.4	.2	55.6	1.3	898
21-23	24.2	23.7	17.5	34.6		52.1	2.5	405
ALL HOURS	20.4	21.9	21.2	36.3	.1	57.6	1.6	4980

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	13.1	27.5	25.9	32.3	1.2	59.4	1.6	251
03-05	13.7	20.5	24.5	41.1	.2	65.8	.3	1372
06-08	15.5	19.9	26.0	38.3	.3	64.6	.4	10178
09-11	13.4	20.3	29.8	36.4	.1	66.3	.6	10863
12-14	11.4	20.1	34.3	34.1	.1	68.5	.6	10860
15-17	10.5	20.5	34.6	34.2	.2	69.0	.3	10713
18-20	13.0	21.4	30.3	35.2	.1	65.6	.3	10596
21-23	19.3	23.0	23.8	33.7	.3	57.8	.9	3198
ALL HOURS	13.1	20.6	30.5	35.6	.2	66.3	.5	58031

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TTTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90					.1	.2	.1						.0
GE 85					.3	1.5	1.5	.5					.3
GE 80					.7	5.8	8.8	2.8					1.5
GE 75					1.5	16.5	24.6	10.6	.2				4.5
GE 70				.2	5.7	34.5	48.3	27.3	2.0				9.9
GE 65				.9	16.5	59.1	75.0	49.9	7.3	.1			17.5
GE 60				2.1	36.8	79.7	90.5	73.9	24.2	.5			25.7
GE 55			.1	6.5	61.7	94.1	97.4	88.8	48.0	2.6		.1	33.3
GE 50			.9	17.0	80.6	98.6	99.7	96.2	66.6	6.8	.4	.3	39.0
GE 45	.7	1.0	3.9	35.8	91.3	99.5	99.9	98.8	79.2	14.9	2.1	.9	44.0
GE 40	2.5	4.6	13.1	56.5	96.8	100.0	100.0	99.9	89.7	26.2	6.0	2.9	49.9
GE 35	4.2	9.5	26.0	70.7	98.9			100.0	95.5	38.6	8.8	4.9	54.7
GE 33	5.7	11.4	31.6	75.7	99.3				97.7	45.9	10.3	5.5	56.9
GE 30	7.5	15.0	39.4	83.3	99.6				99.3	56.1	13.0	7.0	60.0
GE 25	12.2	22.1	52.8	91.2	99.7				99.7	73.6	20.5	11.1	65.3
GE 20	18.1	32.3	65.3	95.6	99.9				100.0	85.7	33.4	19.7	70.9
GE 15	28.0	43.3	75.7	98.0	100.0					92.6	48.0	30.0	76.3
GE 10	38.7	52.5	83.5	99.0						96.2	61.9	42.4	81.2
GE 5	50.7	62.0	88.8	99.8						98.3	72.8	53.8	85.5
GE 0	61.6	72.9	94.1	100.0						99.6	81.8	63.5	89.5
GE -5	69.4	80.5	97.6							99.8	88.4	73.0	92.4
GE -10	75.9	86.5	98.9							99.9	94.2	80.1	94.6
GE -15	82.6	92.7	99.7							99.9	96.7	85.7	96.4
GE -20	86.8	96.9	100.0							100.0	98.5	89.5	97.6
GE -25	91.9	98.6									99.6	93.7	98.6
GE -30	94.9	99.7									100.0	96.2	99.2
GE -35	96.7	99.9										97.3	99.5
GE -40	98.5	100.0										98.6	99.8
GE -45	99.6											99.4	99.9
GE -50	99.9											99.9	100.0
GE -55	100.0											100.0	100.0
MEAN	3.0	10.5	23.9	39.8	56.5	66.5	69.3	64.5	52.5	31.5	13.4	4.5	36.3
SD	19.07	17.24	14.04	10.86	8.81	8.00	7.35	8.19	9.36	12.04	15.10	18.32	27.41
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1380	1349	1395	16147

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65								.1					.0
GE 60						1.0	2.0	1.5					.4
GE 55					.6	7.4	17.9	7.5	.7				2.9
GE 50				.1	3.5	33.6	61.4	29.3	3.2	.1			11.0
GE 45				.2	12.5	70.2	91.7	60.7	12.4	1.1			20.8
GE 40		.1	.2	2.0	36.5	93.3	98.8	84.5	30.8	2.9	.1		29.2
GE 35	.1	.2	1.3	8.1	63.0	99.1	99.9	95.1	53.8	7.2	.5	.1	35.8
GE 33	.1	.7	2.4	13.0	74.2	99.6	99.9	97.0	65.3	10.3	1.0	.3	38.7
GE 30	.7	1.6	4.8	23.4	86.8	100.0	100.0	99.0	78.8	18.6	2.1	.6	43.1
GE 25	1.8	4.7	10.0	43.0	96.1			99.9	93.0	34.4	5.3	1.8	49.2
GE 20	4.9	9.9	16.2	60.3	98.3			100.0	97.3	51.6	10.4	4.9	54.5
GE 15	8.9	15.6	23.9	72.4	99.5				98.7	66.3	19.2	9.2	59.5
GE 10	14.8	22.7	34.8	80.2	99.8				99.7	77.2	30.7	16.5	64.7
GE 5	23.9	30.6	45.5	86.0	99.8				99.9	84.0	42.4	24.9	69.8
GE 0	34.8	39.7	56.8	91.1	100.0				99.9	89.5	53.3	34.7	75.0
GE -5	44.2	49.9	67.6	94.8					100.0	94.3	63.7	44.2	79.9
GE -10	52.8	58.6	75.1	97.7						96.4	73.1	54.7	84.1
GE -15	61.6	67.3	83.0	99.0						98.0	80.1	63.9	87.8
GE -20	69.0	74.6	87.4	99.8						99.5	85.3	71.9	90.6
GE -25	74.0	80.0	92.1	99.9						99.8	90.1	78.7	92.9
GE -30	79.7	85.0	95.7	100.0						99.9	94.7	84.0	94.9
GE -35	84.2	89.8	98.0							99.9	98.2	88.0	96.5
GE -40	87.7	93.9	99.4							100.0	99.5	92.5	97.8
GE -45	91.9	97.4	99.7								99.9	96.6	98.8
GE -50	96.3	99.4	100.0								100.0	98.5	99.5
GE -55	98.7	99.9										99.1	99.8
GE -60	99.9	100.0										99.7	100.0
GE -65	100.0											100.0	100.0
MEAN	-11.6	-6.9	1.5	19.9	36.9	47.2	50.6	45.8	35.4	18.0	-.6	-9.7	18.9
SD	20.67	19.94	17.49	12.73	7.11	5.20	4.45	6.49	7.93	13.38	16.85	19.07	26.68
TOTAL OBS	1363	1243	1364	1320	1364	1320	1364	1364	1319	1380	1350	1395	16146

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75						.1	.1						.0
GE 70					.4	2.1	2.8	.5					.5
GE 65					.9	10.4	21.3	8.1					3.4
GE 60				.1	2.8	33.6	54.2	27.4	1.4				10.0
GE 55				.3	12.3	66.7	87.0	55.1	8.0	.1			19.2
GE 50				1.2	37.5	90.6	97.9	83.2	25.9	1.7			28.2
GE 45		.1	.2	6.8	65.8	98.6	99.9	94.9	53.1	4.1	.1		35.4
GE 40	.3	.6	1.8	19.5	86.0	99.7	100.0	74.5	10.7	1.0	.4		41.1
GE 35	.9	2.4	6.8	39.4	95.1	100.0		100.0	87.7	21.9	3.6	1.2	46.6
GE 33	1.3	3.9	10.0	47.7	97.0				91.3	28.5	4.6	2.0	48.9
GE 30	2.3	6.2	15.0	59.2	98.5				95.6	38.1	6.9	2.9	52.1
GE 25	5.5	11.4	23.4	73.4	99.6				99.1	53.3	12.5	5.1	56.9
GE 20	10.8	17.5	35.2	83.0	99.7				99.7	70.0	19.3	10.5	62.2
GE 15	16.8	26.9	49.9	88.9	99.8				99.9	81.7	32.5	17.5	67.8
GE 10	25.0	36.6	62.3	95.0	99.9				100.0	89.3	45.7	27.2	73.5
GE 5	36.0	46.1	72.0	97.0	100.0					94.1	58.7	38.4	78.6
GE 0	47.0	55.6	79.6	99.0						96.3	68.3	48.4	82.9
GE -5	57.0	65.1	86.0	99.8						98.6	76.6	58.8	86.9
GE -10	65.4	73.0	91.3	100.0						99.6	84.1	68.0	90.1
GE -15	72.0	80.7	95.0							99.9	90.2	76.5	92.9
GE -20	78.8	86.6	98.5							99.9	94.7	82.3	95.1
GE -25	83.6	91.6	99.3							99.9	97.3	87.6	96.6
GE -30	87.9	95.7	99.9							100.0	99.2	91.5	97.8
GE -35	91.9	98.4	100.0								99.9	95.3	98.8
GE -40	95.6	99.8									100.0	97.1	99.4
GE -45	98.0	99.9										98.3	99.7
GE -50	99.5	100.0										99.6	99.9
GE -55												99.9	100.0
GE -60	100.0											100.0	100.0
MEAN	-4.3	1.8	12.9	30.1	46.9	57.1	60.2	55.4	44.2	25.0	6.5	-2.6	27.8
SD	19.55	18.30	15.23	11.14	7.29	5.90	5.10	6.44	7.87	12.26	15.71	18.45	26.86
TOTAL OBS	1363	1243	1364	1320	1364	1320	1364	1364	1319	1379	1349	1395	16144

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										45*	30	25	45*
46	21	34	42	52	70	84	85	79	71	54	42	35	85
47	34	49	51	53	90	83	87	72	61	48	50	35	90
48	46	39	38	45	72	88	82	74	62	51	48	23	88
49	24	28	42	55	72	68	80	82	72	45	49	18	82
50	31	15	39	51	67	86	81	81	66	58	35	28	86
51	33	35	42	57	72	84	88	82	71	45	48	28	88
52	20	36	47	49	64	78	82	80	63	57	48	39	82
53	18	41	40	66	73	82	86	75	63	56	31	35	86
54	19	43	52	47	71	82	78	81	68	52	49	15	82
55	35	26	47	48	65	76	90	74	65	46	13	29	90
56	14	39	42	59	67	75	83	77	70	42	48	38	83
57	35	41	45	50	70	85	87	84	77	50	48	24	87
58	35	30	46	71	84	88	91	77	63	47	41	24	91
59	14	37	38	52	71	85	79	76	61	49	37	31	85
60	29	37	45	68	86	76	83	86	61	50	40	44	86
61	46	25	45	59	70	77	82	72	71	47	40	22	82
62	41	37	47	51	68	80	84	85	59	47	44	44	85
63	48	43	42	54	82	72	82	82	79	57	21	42	82
64	20	44	34	45	76	80	79	77	69	61	43	10	80
65	47	22	51	55	71	78	81	76	72	45	35	26	81
66	10	27	45	53	59	79	77	79	63	55	40	20	79
67	13	38	44	61	66	87	85	79	65	45	46	45	87
68	30	49	48	55	72	80	84	79	65	44	38	20	84
69	6	41	44	56	74	92	79	74	67	66	48	45	92
70	37	45	53	55	74	72	84	73	64	49	49	42	84
71	27	42	40	53	62	85	80	74	61	51	36	34	85
72	25	19	40	46	71	87	84	75	72	56	28	26	87
73	35	36	47	61	66	77	82	81	69	50	21	34	82
74	19	17	44	56	76	77	82	85	69	42	43	17	85
75	36	47	46	55	74	78	88	74	64	50	24	39	88

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	40	43	41	69	70	78	85	87	65	53	51	42	87
77	48	44	39	63	73	75	88	88	67	51	18	25	88
78	29	45	47	63	69	73	85	80	72	53	29	29	85
79	15	10	46	72	71	75	85	82	70	62	52	32	85
80	47	47	48	59	74	81	80	86	61	52	27	46	86
81	48	47	58	62	83	77	75	80	67	49	44	42	83
82	3	33	43	47	61	82	84	77	69	35	38	44	84
83	23	30	33	64	85	86	81	67	62	53	29	22	86
84	44	29	46	60	70	76	75	76	63	59	29	25	76
85	42	31	40	47	75	78	79	72	66	49	35	55	79
86	37	43	36	51	66	81	84	73	71	58	36	52	84
87	37	44	49	57	66	84	81	76	66	52	39	41	84
88	38	40	47	61	70	78	79	78	61	57	21	42	79
89	40	35	38	59	70	76	83	79	74	54	28	44	83
.....													
GREATEST	48	49	58	72	90	92	91	88	79	66	52	55	92
.....													
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1380	1349	1395	16147
.....													

THE GREATEST VALUE OF 92 OCCURRED ON 06/15/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										-12*	-37	-33	-37*
46	-35	-29	-33	-16	28	36	41	30	9	4	-33	-62	-62
47	-61	-60	-15	-8	19	32	38	30	12	3	-16	-18	-61
48	-34	-36	-29	-17	18	36	40	22	14	-1	-42	-44	-44
49	-46	-45	-2	-24	16	33	35	40	25	2	-20	-44	-46
50	-28	-51	-11	-20	25	40	43	37	30	-8	-33	-31	-51
51	-51	-39	-35	14	31	38	45	40	24	-14	-22	-43	-51
52	-52	-33	-36	-8	16	38	45	32	20	11	-13	-24	-52
53	-48	-50	-28	3	30	44	43	36	25	-20	-18	-21	-50
54	-45	-44	-18	-13	22	41	41	33	18	20	-9	-48	-48
55	-31	-42	-39	-5	28	35	44	25	20	-16	-30	-46	-46
56	-50	-50	-48	-7	32	37	43	36	7	-16	-39	-45	-50
57	-36	-50	-18	-4	25	39	38	41	17	-7	-7	-44	-50
58	-31	-18	-18	10	25	39	43	34	16	-24	-28	-44	-44
59	-45	-14	-37	-14	23	36	39	34	23	-12	-16	-34	-45
60	-43	-18	-34	-9	27	36	42	37	19	-12	-35	-28	-43
61	-32	-23	-39	-8	25	39	41	37	26	-18	-35	-61	-61
62	-47	-29	-30	2	15	39	37	29	21	14	-33	-42	-47
63	-48	-45	-24	-19	28	31	41	37	23	-5	-46	-10	-48
64	-43	-42	-49	-19	0	36	42	36	27	3	-44	-60	-60
65	-56	-39	-15	1	11	37	41	32	18	-18	-26	-45	-56
66	-49	-41	-38	-1	27	34	38	34	26	-18	-33	-48	-49
67	-45	-39	-30	1	22	37	45	40	22	-8	-29	-37	-45
68	-48	-51	-10	-1	27	36	45	38	17	-15	-30	-46	-51
69	-52	-46	-28	9	29	35	39	26	19	0	-40	-17	-52
70	-40	-26	-19	-2	27	34	43	34	14	-20	-30	-43	-43
71	-58	-43	-46	-12	26	35	32	35	23	-7	-40	-40	-58
72	-53	-46	-40	-22	20	37	41	38	11	5	-18	-36	-53
73	-54	-42	-24	15	24	35	47	30	21	-5	-36	-21	-54
74	-47	-47	-41	2	18	30	39	30	16	-6	-40	-48	-48
75	-59	-43	-19	-11	29	43	38	29	28	-39	-40	-58	-59

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-891
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	-38	-46	-17	7	28	40	44	40	25	-16	-13	-35	-46
77	-5	-13	-23	-7	30	44	43	34	29	-12	-28	-44	-44
78	-16	-30	-14	-6	35	38	42	33	29	-5	-24	-26	-30
79	-23	-52	-25	-1	28	35	45	39	27	5	-8	-44	-52
80	-54	-11	-25	16	28	37	41	36	19	10	-15	-50	-54
81	-20	-35	0	-6	28	40	35	28	14	4	-18	-43	-43
82	-50	-45	-25	-17	27	32	44	32	26	-26	-29	-28	-50
83	-52	-32	-19	3	24	39	45	36	-2	-5	-12	-21	-52
84	-44	-44	-7	7	17	38	45	28	24	-7	-27	-38	-44
85	2	-44	-25	-19	24	39	43	31	23	-23	-28	-18	-44
86	-14	-24	-31	-27	29	40	40	25	20	-1	-47	-19	-47
87	-35	-20	-34	10	27	35	45	23	20	7	-16	-28	-35
88	-27	-32	-18	-7	29	40	38	31	21	-15	-29	-33	-33
89	-59	-34	-36	-1	26	40	42	30	21	-18	-41	-36	-59
.....													
LEAST	-61	-60	-49	-27	0	30	32	22	-2	-39	-47	-62	-62
.....													
TOTAL OBS	1363	1243	1364	1320	1364	1320	1364	1364	1319	1380	1350	1395	16146
.....													

THE LEAST VALUE OF -62 OCCURRED ON 12/14/46

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45										22*	-5	0	3*
46	1	4	4	29	48	61	61	53	42	33	-1	-18	26
47	-17	8	21	32	49	54	62	50	41	26	15	11	29
48	2	-1	7	21	45	58	58	49	39	26	0	-15	24
49	-5	-6	24	25	43	49	57	56	49	26	16	-9	27
50	-1	-19	19	28	47	59	60	58	48	25	-4	-1	27
51	-15	-3	2	36	49	56	60	59	47	20	12	-6	27
52	-14	3	11	30	40	56	59	53	42	32	23	7	29
53	-14	9	13	38	49	60	62	56	45	25	8	3	30
54	-8	-11	16	25	49	57	58	56	43	33	18	-16	27
55	6	-6	13	24	45	54	61	52	44	23	-6	-9	26
56	-16	-7	8	32	48	55	61	56	42	17	-1	-17	23
57	6	1	20	32	47	62	60	60	45	30	21	-11	31
58	5	6	17	37	48	63	63	57	43	15	6	0	30
59	-13	12	-4	27	46	59	56	54	43	24	12	-5	26
60	2	14	5	29	52	55	59	55	41	26	3	13	30
61	6	0	3	26	48	56	58	55	44	20	0	-22	25
62	-2	9	9	31	43	56	61	56	41	31	8	-1	29
63	5	8	11	25	48	52	59	56	46	28	-8	13	29
64	-5	7	3	26	37	58	59	54	45	30	8	-23	25
65	-7	-9	32	32	44	54	59	54	48	15	6	-7	27
66	-11	1	2	29	42	58	59	55	47	21	3	-8	25
67	-7	0	13	32	44	59	59	58	46	25	14	1	29
68	-8	7	22	32	47	56	63	57	41	21	8	-11	28
69	-23	1	16	36	48	63	57	49	47	35	6	16	30
70	-13	14	26	30	48	54	59	55	38	18	13	-5	28
71	-25	2	1	27	44	59	59	54	43	24	2	-5	24
72	-17	-9	-2	19	46	57	62	58	40	28	10	-1	24
73	-17	3	12	35	48	56	60	52	45	24	-2	4	27
74	-14	-15	7	33	48	55	60	56	50	22	5	-7	25
75	-12	-1	13	29	49	57	61	54	46	22	-8	-12	25

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OPERATING LOCATION A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: +09

PERIOD OF RECORD: 4510-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	-3	-10	13	36	46	58	62	59	47	25	23	4	30
77	17	19	9	31	48	59	62	62	46	28	-5	-12	31
78	9	13	20	36	52	56	64	58	46	26	12	5	33
79	3	-19	17	34	51	57	62	61	49	35	24	-11	31
80	-8	19	22	39	53	58	62	56	43	31	15	-21	31
81	24	11	30	29	54	56	58	56	43	28	11	-1	33
82	-13	-5	13	26	44	57	60	53	47	15	7	6	26
83	-9	7	10	35	48	58	60	51	38	22	13	-1	28
84	-1	-9	25	31	46	57	58	52	46	24	1	0	28
85	21	-8	18	20	45	54	60	54	43	17	0	16	29
86	7	8	6	20	44	58	60	54	45	29	3	15	29
87	6	11	15	33	48	58	60	56	44	33	7	2	31
88	3	9	20	33	49	58	62	56	43	19	1	8	30
89	-16	8	7	37	47	58	63	60	47	25	-3	12	29
MEAN	-4.3	1.8	12.9	30.1	46.9	57.1	60.2	55.4	44.2	25.0	6.5	-2.6	27.8
TOTAL OBS	1363	1243	1364	1320	1364	1320	1364	1364	1319	1379	1349	1395	16144

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF LE 32	HOURS WITH GE 65	TEMPERATURES GE 80	DEG F GE 93	TOTAL HOURS
00-02	.0	21.047	721	325	695	0	0	0	721
03-05	-.1	21.399	717	330	686	0	0	0	717
06-08	.5	21.160	921	403	895	0	0	0	921
09-11	.5	21.183	922	400	897	0	0	0	922
12-14	2.7	20.331	925	364	893	0	0	0	925
15-17	2.9	19.896	924	375	896	0	0	0	924
18-20	1.7	20.259	923	402	900	0	0	0	923
21-23	1.3	20.425	836	357	816	0	0	0	836
ALL HOURS	1.3	20.697	6889	2956	6678	0	0	0	6889

MONTH: FEB

00-02	5.2	18.964	644	255	609	0	0	0	644
03-05	4.9	19.062	630	264	591	0	0	0	630
06-08	2.2	19.752	831	383	792	0	0	0	831
09-11	3.6	18.679	847	373	812	0	0	0	847
12-14	8.7	16.746	849	302	797	0	0	0	849
15-17	9.9	16.121	848	267	789	0	0	0	848
18-20	6.7	16.896	843	334	810	0	0	0	843
21-23	5.4	17.997	730	292	703	0	0	0	730
ALL HOURS	5.9	18.171	6222	2470	5903	0	0	0	6222

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF LE 32	OF HOURS GE 65	WITH GE 80	TEMPERATURES GE 93	DEG F	TOTAL HOURS
00-02	12.7	16.100	699	157	629	0	0	0		699
03-05	10.8	16.853	662	175	608	0	0	0		662
06-08	9.1	16.562	897	262	837	0	0	0		897
09-11	15.0	15.037	927	144	812	0	0	0		927
12-14	22.3	13.351	928	57	682	0	0	0		928
15-17	25.1	12.835	928	48	620	0	0	0		928
18-20	21.4	13.356	928	67	714	0	0	0		928
21-23	16.4	14.650	825	110	711	0	0	0		825
ALL HOURS	17.0	15.730	6794	1020	5613	0	0	0		6794

MONTH: APR

00-02	24.8	12.902	756	50	541	0	0	0		756
03-05	22.3	13.266	756	72	595	0	0	0		756
06-08	23.4	13.855	885	73	634	0	0	0		885
09-11	31.0	13.038	898	23	444	0	0	0		898
12-14	36.6	12.610	897	10	298	0	0	0		897
15-17	38.6	12.201	888	5	239	0	0	0		888
18-20	36.0	11.959	874	9	289	0	0	0		874
21-23	29.5	11.759	799	22	447	0	0	0		799
ALL HOURS	30.6	14.050	6753	264	3487	0	0	0		6753

E - 5 - 1 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF LE 32	HOURS WITH GE 65	TEMPERATURES GE 80	DEG F GE 93	TOTAL HOURS
00-02	41.9	7.363	754	0	91	0	0	0	754
03-05	39.6	7.411	781	0	136	0	0	0	781
06-08	43.2	7.696	928	0	83	5	0	0	928
09-11	50.0	8.329	929	0	21	32	0	0	929
12-14	53.9	8.425	930	0	6	85	1	0	930
15-17	54.8	8.349	925	0	1	98	4	0	925
18-20	52.7	8.113	919	0	3	56	3	0	919
21-23	46.9	7.754	798	0	34	8	0	0	798
ALL HOURS	48.2	9.611	6964	0	375	284	8	0	6964

MONTH: JUN

00-02	51.1	5.586	715	0	0	12	0	0	715
03-05	49.0	5.446	734	0	2	11	0	0	734
06-08	52.8	6.006	897	0	0	29	0	0	897
09-11	58.3	7.458	898	0	0	183	0	0	898
12-14	62.2	8.213	899	0	0	379	12	0	899
15-17	63.2	8.357	894	0	0	391	21	0	894
18-20	61.5	8.007	896	0	0	314	12	0	896
21-23	56.0	6.796	759	0	0	76	0	0	759
ALL HOURS	57.1	8.753	6692	0	2	1395	45	0	6692

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF LE 32	HOURS WITH GE 65	TEMPERATURES GE 80	DEG F GE 93	TOTAL HOURS
00-02	54.1	4.753	775	0	0	13	0	0	775
03-05	52.0	4.450	783	0	0	3	0	0	783
06-08	55.2	4.815	929	0	0	30	0	0	929
09-11	60.9	6.247	929	0	0	270	0	0	929
12-14	65.0	7.056	929	0	0	489	14	0	929
15-17	66.1	7.163	930	0	0	552	26	0	930
18-20	63.9	6.922	929	0	0	405	16	0	929
21-23	57.9	5.519	833	0	0	110	0	0	833
ALL HOURS	59.7	7.751	7037	0	0	1872	56	0	7037

MONTH: AUG

00-02	50.8	6.778	713	0	8	13	0	0	713
03-05	48.0	7.210	755	0	15	8	0	0	755
06-08	48.9	6.917	930	0	18	11	0	0	930
09-11	55.0	7.294	926	0	1	80	0	0	926
12-14	59.8	7.820	925	0	0	259	3	0	925
15-17	61.4	8.089	928	0	0	328	9	0	928
18-20	58.6	7.823	930	0	0	195	3	0	930
21-23	53.2	6.817	782	0	5	36	0	0	782
ALL HOURS	54.7	8.841	6889	0	47	930	15	0	6889

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	39.7	9.098	697	3	149	1	0	0	697
03-05	38.2	8.791	729	0	187	0	0	0	729
06-08	38.2	8.762	900	0	223	1	0	0	900
09-11	43.4	8.989	898	0	94	10	0	0	898
12-14	48.7	9.433	899	0	42	22	0	0	899
15-17	50.2	9.607	900	0	40	38	0	0	900
18-20	46.3	9.105	900	0	67	11	0	0	900
21-23	41.2	8.674	726	0	118	0	0	0	726
ALL HOURS	43.5	10.094	6649	3	920	83	0	0	6649

MONTH: OCT

00-02	22.4	14.069	707	54	546	0	0	0	707
03-05	22.3	14.013	706	61	553	0	0	0	706
06-08	21.4	13.906	925	82	740	0	0	0	925
09-11	23.1	13.629	928	65	697	0	0	0	928
12-14	27.1	13.089	928	32	607	0	0	0	928
15-17	27.6	13.251	930	31	585	0	0	0	930
18-20	24.7	13.433	928	57	657	0	0	0	928
21-23	22.5	14.058	781	66	592	0	0	0	781
ALL HOURS	24.0	13.851	6833	448	4977	0	0	0	6833

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	EAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	4.9	13.186	706	244	701	0	0	0	706
03-05	4.5	13.395	675	251	671	0	0	0	675
06-08	4.6	13.558	887	326	882	0	0	0	887
09-11	4.9	13.454	898	309	892	0	0	0	898
12-14	7.9	12.218	895	241	881	0	0	0	895
15-17	7.9	12.008	891	239	881	0	0	0	891
18-20	6.4	12.366	898	290	889	0	0	0	898
21-23	5.3	12.863	795	271	786	0	0	0	795
ALL HOURS	5.9	12.900	6645	2171	6583	0	0	0	6645

MONTH: DEC

00-02	3.5	18.189	706	299	664	0	0	0	706
03-05	3.4	18.394	681	297	640	0	0	0	681
06-08	3.8	17.448	914	400	861	0	0	0	914
09-11	3.9	17.482	921	402	866	0	0	0	921
12-14	4.7	17.241	923	374	869	0	0	0	923
15-17	4.8	17.482	923	368	863	0	0	0	923
18-20	4.6	17.412	913	356	859	0	0	0	913
21-23	4.4	17.736	795	306	746	0	0	0	795
ALL HOURS	4.2	17.648	6776	2802	6368	0	0	0	6776

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER LE 32	OF HOURS GE 65	WITH GE 80	TEMPERATURES GE 93	DEG F	TOTAL HOURS
00-02	26.4	23.926	8593	1387	4633	39	0	0		8593
03-05	25.5	23.317	8609	1450	4684	22	0	0		8609
06-08	25.6	24.535	10844	1929	5965	76	0	0		10844
09-11	29.3	26.210	10921	1716	5536	575	0	0		10921
12-14	33.4	26.405	10927	1380	5075	1234	30	0		10927
15-17	34.5	26.606	10909	1333	4914	1407	60	0		10909
18-20	32.2	26.382	10881	1515	5188	981	34	0		10881
21-23	28.2	24.796	9459	1424	4958	230	0	0		9459
ALL HOURS	29.6	25.625	81143	12134	40953	4564	124	0		81143

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF GE 50	HOURS WITH GE 67	TEMPERATURES GE 73	DEG F GE 80	TOTAL HOURS
00-02	5.3	14.945	574	563	0	0	0	0	574
03-05	5.2	15.391	565	548	0	0	0	0	565
06-08	4.2	15.346	813	798	0	0	0	0	813
09-11	3.7	15.506	841	830	0	0	0	0	841
12-14	4.3	16.005	864	846	0	0	0	0	864
15-17	4.4	15.598	867	854	0	0	0	0	867
18-20	4.0	15.388	854	847	0	0	0	0	854
21-23	4.5	15.167	744	738	0	0	0	0	744
ALL HOURS	4.4	15.452	6122	6024	0	0	0	0	6122

MONTH: FEB

00-02	5.8	15.562	553	548	0	0	0	0	553
03-05	5.6	15.522	541	537	0	0	0	0	541
06-08	3.5	16.158	762	754	0	0	0	0	762
09-11	3.6	16.040	823	820	0	0	0	0	823
12-14	7.0	15.251	846	834	0	0	0	0	846
15-17	7.9	14.597	848	839	0	0	0	0	848
18-20	5.4	15.387	840	837	0	0	0	0	840
21-23	5.0	15.782	689	689	0	0	0	0	689
ALL HOURS	5.5	15.586	5902	5858	0	0	0	0	5902

E - 5 - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
				LE 32	GE 50 GE 67 GE 73 GE 80	
00-02	10.9	14.339	605	602	0 0 0 0	605
03-05	9.4	15.089	567	567	0 0 0 0	567
06-08	7.5	14.831	860	856	0 0 0 0	860
09-11	12.4	13.054	917	894	0 0 0 0	917
12-14	18.1	11.089	924	853	0 0 0 0	924
15-17	20.2	10.433	928	823	0 0 0 0	928
18-20	17.4	11.192	927	888	0 0 0 0	927
21-23	13.7	12.722	794	782	0 0 0 0	794
ALL HOURS	14.2	13.436	6522	6265	0 0 0 0	6522

MONTH: APR

00-02	21.5	10.949	666	593	0 0 0 0	666
03-05	19.7	11.438	666	621	0 0 0 0	666
06-08	20.2	11.864	853	756	0 0 0 0	853
09-11	25.4	10.515	898	662	0 0 0 0	898
12-14	28.9	9.634	895	526	0 0 0 0	895
15-17	30.2	9.159	888	469	0 0 0 0	888
18-20	28.7	9.161	874	530	0 0 0 0	874
21-23	24.8	9.706	769	607	0 0 0 0	769
ALL HOURS	25.2	10.975	6509	4764	0 0 0 0	6509

E - 5 - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	36.4	5.652	663	168	13	0	0	0	663
03-05	34.8	5.843	689	258	12	0	0	0	689
06-08	37.0	5.749	897	216	20	0	0	0	897
09-11	40.5	5.575	929	85	35	0	0	0	929
12-14	42.2	5.348	930	45	75	0	0	0	930
15-17	42.6	5.129	925	32	72	0	0	0	925
18-20	41.8	5.140	919	41	52	0	0	0	919
21-23	39.2	5.555	760	90	25	0	0	0	760
ALL HOURS	39.6	6.140	6712	935	304	0	0	0	6712

MONTH: JUN

00-02	44.8	4.056	625	0	87	0	0	0	625
03-05	43.7	4.015	644	1	46	0	0	0	644
06-08	46.1	4.121	867	0	186	0	0	0	867
09-11	48.8	4.435	898	0	367	0	0	0	898
12-14	50.2	4.469	898	0	466	0	0	0	898
15-17	50.6	4.323	894	0	508	0	0	0	894
18-20	49.9	4.336	896	0	452	0	0	0	896
21-23	47.7	4.338	725	0	237	0	0	0	725
ALL HOURS	48.0	4.899	6447	1	2349	0	0	0	6447

E - 5 - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	49.4	3.445	682	0	350	0	0	0	682
03-05	48.0	3.524	690	2	247	0	0	0	690
06-08	50.2	3.350	898	0	545	0	0	0	898
09-11	53.2	3.567	926	0	780	0	0	0	926
12-14	54.6	3.535	926	0	845	0	0	0	926
15-17	55.0	3.433	927	0	868	0	0	0	927
18-20	54.3	3.337	929	0	855	0	0	0	929
21-23	51.9	3.340	801	0	626	0	0	0	801
ALL HOURS	52.3	4.217	6779	2	5116	0	0	0	6779

MONTH: AUG

00-02	45.7	4.884	632	10	138	0	0	0	632
03-05	43.9	5.462	674	22	100	0	0	0	674
06-08	44.7	5.236	899	29	162	0	0	0	899
09-11	48.3	5.031	926	19	387	0	0	0	926
12-14	50.3	4.898	925	4	544	0	0	0	925
15-17	50.8	4.863	928	1	600	0	0	0	928
18-20	49.8	4.895	930	3	508	0	0	0	930
21-23	47.2	4.577	755	8	245	0	0	0	755
ALL HOURS	47.8	5.571	6669	96	2684	0	0	0	6669

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	35.3	7.260	613	223	6	0	0	0	613
03-05	34.3	7.033	645	261	3	0	0	0	645
06-08	34.7	6.994	870	335	9	0	0	0	870
09-11	38.3	6.805	898	181	24	0	0	0	898
12-14	41.0	6.642	899	104	49	0	0	0	899
15-17	41.7	6.640	900	89	66	0	0	0	900
18-20	39.7	6.547	900	128	35	0	0	0	900
21-23	36.6	6.747	696	179	8	0	0	0	696
ALL HOURS	38.0	7.348	6421	1500	200	0	0	0	6421

MONTH: OCT

00-02	21.6	11.722	633	534	0	0	0	0	633
03-05	21.5	11.856	634	540	0	0	0	0	634
06-08	19.9	12.417	894	785	0	0	0	0	894
09-11	21.0	12.103	928	785	0	0	0	0	928
12-14	24.1	11.137	928	705	0	0	0	0	928
15-17	24.5	11.157	930	698	0	0	0	0	930
18-20	22.3	11.748	928	759	0	0	0	0	928
21-23	20.7	12.277	756	647	0	0	0	0	756
ALL HOURS	22.0	11.878	6631	5453	0	0	0	0	6631

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	4.0	12.486	628	626	0	0	0	0	628
03-05	3.7	12.670	598	595	0	0	0	0	598
06-08	4.1	12.430	854	854	0	0	0	0	854
09-11	4.4	12.284	888	888	0	0	0	0	888
12-14	6.8	11.276	891	891	0	0	0	0	891
15-17	6.8	11.245	888	888	0	0	0	0	888
18-20	5.5	11.643	895	893	0	0	0	0	895
21-23	4.4	12.122	770	767	0	0	0	0	770
ALL HOURS	5.1	12.017	6412	6402	0	0	0	0	6412

MONTH: DEC

00-02	4.1	15.140	582	567	0	0	0	0	582
03-05	4.0	15.493	562	548	0	0	0	0	562
06-08	3.5	15.228	861	845	0	0	0	0	861
09-11	3.9	14.862	895	873	0	0	0	0	895
12-14	4.2	14.978	904	882	0	0	0	0	904
15-17	4.6	14.835	898	875	0	0	0	0	898
18-20	4.4	14.684	887	863	0	0	0	0	887
21-23	4.4	15.031	739	716	0	0	0	0	739
ALL HOURS	4.1	14.998	6328	6169	0	0	0	0	6328

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER GE 50	OF HOURS GE 67	WITH GE 73	TEMPERATURES GE 80	DEG F	TOTAL HOURS
00-02	24.4	20.177	7456	4434	594	0	0	0		7456
03-05	24.0	19.866	7475	4500	408	0	0	0		7475
06-08	23.5	21.034	10328	6228	922	0	0	0		10328
09-11	25.7	21.731	10767	6037	1593	0	0	0		10767
12-14	28.0	21.368	10830	5690	1979	0	0	0		10830
15-17	28.6	21.224	10821	5568	2114	0	0	0		10821
18-20	27.3	21.453	10779	5789	1902	0	0	0		10779
21-23	25.1	20.975	8998	5223	1141	0	0	0		8998
ALL HOURS	26.0	21.145	77454	43469	10653	0	0	0		77454

E - 5 - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 27	NUMBER OF GE 37	HOURS WITH LE 55	TEMPERATURES GE 65	DEG F	TOTAL HOURS
00-02	-3.1	16.625	574	574	0	574	0		574
03-05	-3.3	17.169	565	562	0	565	0		565
06-08	-4.3	17.448	813	807	0	813	0		813
09-11	-5.0	17.816	841	835	0	841	0		841
12-14	-4.7	18.173	864	857	0	864	0		864
15-17	-4.5	17.876	867	867	0	867	0		867
18-20	-4.6	17.648	854	854	0	854	0		854
21-23	-4.1	17.376	744	744	0	744	0		744
ALL HOURS	-4.3	17.599	6122	6100	0	6122	0		6122

MONTH: FEB

00-02	-3.2	16.806	553	553	0	553	0		846
03-05	-3.2	16.632	541	541	0	541	0		846
06-08	-5.0	17.507	762	760	0	762	0		846
09-11	-5.2	17.427	823	819	0	823	0		846
12-14	-2.8	16.673	846	842	0	846	0		846
15-17	-2.3	16.366	848	842	0	848	0		846
18-20	-3.7	16.912	840	833	0	840	0		846
21-23	-4.0	17.455	689	687	0	689	0		846
ALL HOURS	-3.7	17.015	5902	5877	0	5902	0		5902

E - 5 - 3 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	1.2	14.988	605	602	0	605	0	605
03-05	.0	15.780	567	567	0	567	0	567
06-08	-1.1	15.547	860	859	0	860	0	860
09-11	2.0	13.748	917	909	0	917	0	917
12-14	5.2	12.108	924	915	0	924	0	924
15-17	6.4	11.312	928	915	0	928	0	928
18-20	5.2	12.033	927	921	0	927	0	927
21-23	3.4	13.202	794	789	0	794	0	794
ALL HOURS	3.0	13.732	6522	6477	0	6522	0	6522

MONTH: APR

00-02	12.3	11.035	666	646	0	666	0	895
03-05	11.3	11.464	666	647	0	666	0	895
06-08	11.0	12.877	853	814	0	853	0	895
09-11	12.5	11.861	898	845	0	898	0	895
12-14	13.4	10.886	895	847	3	895	0	895
15-17	13.6	10.492	888	845	3	888	0	895
18-20	13.9	10.815	874	823	0	874	0	895
21-23	13.6	11.231	769	727	0	769	0	895
ALL HOURS	12.7	11.412	6509	6194	6	6509	0	6509

E - 5 - 3 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL		
				LE 27	GE 37	LE 55	GE 65	HOURS
00-02	27.2	7.312	663	337	60	663	0	663
03-05	26.6	7.161	689	381	54	689	0	689
06-08	27.6	7.092	897	456	86	897	0	897
09-11	27.6	7.362	929	469	89	929	0	929
12-14	26.7	7.220	930	516	64	930	0	930
15-17	26.4	7.383	925	535	82	925	0	925
18-20	27.2	7.399	919	482	89	919	0	919
21-23	28.3	7.667	760	343	105	760	0	760
ALL HOURS	27.2	7.383	6712	3519	629	6712	0	6712

MONTH: JUN

00-02	37.6	6.264	625	33	363	625	0	898
03-05	37.4	6.071	644	37	355	644	0	898
06-08	38.8	5.815	867	33	577	867	0	898
09-11	39.0	6.447	898	45	599	898	0	898
12-14	38.2	6.654	898	56	549	898	0	898
15-17	37.9	6.618	894	52	511	892	0	898
18-20	38.1	6.808	896	58	528	896	0	898
21-23	39.0	6.308	725	33	478	725	0	898
ALL HOURS	38.3	6.448	6447	347	3960	6445	0	6447

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.1	4.123	682	0	661	681	0	682
03-05	44.1	4.008	690	0	665	690	0	690
06-08	45.6	3.759	898	0	884	895	0	898
09-11	46.7	4.205	926	0	907	919	0	926
12-14	45.9	4.586	926	1	896	914	0	926
15-17	45.6	4.760	927	4	889	919	0	927
18-20	46.2	4.790	929	3	893	913	0	929
21-23	46.6	4.218	801	2	787	794	0	801
ALL HOURS	45.8	4.483	6779	10	6582	6725	0	6779

MONTH: AUG

00-02	40.1	5.501	632	12	496	631	0	925
03-05	39.2	5.684	674	14	468	674	0	925
06-08	40.2	5.436	899	16	695	899	0	925
09-11	41.8	5.531	926	18	795	925	0	925
12-14	41.2	5.734	925	21	779	925	0	925
15-17	40.7	5.816	928	27	767	923	0	925
18-20	41.3	5.928	930	23	782	923	0	925
21-23	41.0	5.470	755	12	634	752	0	925
ALL HOURS	40.8	5.737	6669	143	5416	6652	0	6669

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH	TEMPERATURES	DEG F	TOTAL
				LE 27	GE 37	LE 55	GE 65	HOURS
00-02	29.6	7.291	613	238	114	613	0	613
03-05	29.2	7.029	645	254	114	645	0	645
06-08	29.6	7.109	870	312	164	870	0	870
09-11	31.4	6.993	898	217	209	898	0	898
12-14	31.4	6.878	899	222	202	899	0	899
15-17	31.2	6.853	900	238	190	900	0	900
18-20	31.2	6.754	900	237	181	900	0	900
21-23	30.6	6.932	696	214	126	696	0	696
ALL HOURS	30.6	7.054	6421	1932	1300	6421	0	6421

MONTH: OCT

00-02	16.2	11.609	633	526	1	633	0	928
03-05	16.2	11.791	634	541	1	634	0	928
06-08	14.8	12.640	894	774	1	894	0	928
09-11	15.6	12.146	928	789	1	928	0	928
12-14	17.6	10.928	928	767	0	928	0	928
15-17	17.6	10.903	930	769	6	930	0	928
18-20	16.5	11.718	928	785	3	928	0	928
21-23	15.2	12.297	756	641	1	756	0	928
ALL HOURS	16.2	11.817	6631	5592	14	6631	0	6631

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH	TEMPERATURES	DEG F	TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-2.5	14.305	628	628	0	628	0	628
03-05	-3.2	14.789	598	598	0	598	0	598
06-08	-2.9	14.380	854	853	0	854	0	854
09-11	-2.3	13.949	888	886	0	888	0	888
12-14	-.4	13.033	891	891	0	891	0	891
15-17	-.4	13.108	888	888	0	888	0	888
18-20	-1.5	13.522	895	893	0	895	0	895
21-23	-2.4	13.936	770	770	0	770	0	770
ALL HOURS	-1.9	13.872	6412	6407	0	6412	0	6412

MONTH: DEC

00-02	-4.0	16.378	582	579	0	582	0	904
03-05	-4.2	16.863	562	559	0	562	0	904
06-08	-5.1	16.918	861	857	0	861	0	904
09-11	-4.8	16.577	895	891	0	895	0	904
12-14	-4.3	16.470	904	902	0	904	0	904
15-17	-4.2	16.452	898	896	0	898	0	904
18-20	-4.2	16.156	887	883	0	887	0	904
21-23	-4.1	16.438	739	733	0	739	0	904
ALL HOURS	-4.4	16.536	6328	6300	0	6328	0	6328

E - 5 - 3 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	17.1	21.527	7456	4728	1695	7454	0	7456
03-05	17.1	21.505	7475	4701	1657	7475	0	7475
06-08	16.3	22.528	10328	6541	2407	10325	0	10328
09-11	17.0	22.520	10767	6723	2600	10759	0	10767
12-14	17.6	21.488	10830	6837	2493	10818	0	10830
15-17	17.6	21.173	10821	6878	2448	10806	0	10821
18-20	17.5	21.707	10779	6795	2476	10756	0	10779
21-23	17.0	22.135	8998	5695	2131	8988	0	8998
ALL HOURS	17.2	21.845	77454	48898	17907	77381	0	77454

E - 5 - 3 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO						90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%			
00-02	99.8	99.7	96.9	92.5	80.8	57.8	32.9	12.4	.9	62.3	574
03-05	100.0	100.0	97.2	91.3	78.9	59.5	32.2	13.8	1.4	61.8	565
06-08	100.0	100.0	98.5	92.7	81.9	57.8	30.1	15.6	.5	62.0	813
09-11	100.0	99.8	98.0	90.8	79.1	56.4	30.6	15.3	1.1	61.6	841
12-14	100.0	100.0	98.4	89.5	78.0	53.9	25.1	10.8	.6	60.0	864
15-17	100.0	100.0	98.3	91.3	78.5	52.4	25.3	10.1	.7	60.0	867
18-20	100.0	99.9	98.7	92.5	80.3	55.4	27.6	12.1	.6	61.3	854
21-23	100.0	99.5	98.0	92.9	81.5	57.3	29.8	13.6	.5	61.7	744
ALL HOURS	100.0	99.9	98.1	91.7	79.8	56.0	28.9	12.9	.8	61.2	6122

MONTH: FEB

00-02	100.0	99.6	98.9	91.5	76.3	48.6	23.1	8.5		59.4	553
03-05	100.0	99.6	99.6	94.5	76.5	52.3	24.8	9.1	.4	60.3	541
06-08	100.0	99.6	99.2	94.9	82.8	54.2	28.2	12.2	1.0	61.7	762
09-11	100.0	100.0	99.4	94.2	79.6	49.6	24.4	10.8	1.3	60.5	823
12-14	100.0	99.9	99.1	91.0	69.4	35.6	16.0	6.6	1.7	56.5	846
15-17	100.0	99.9	98.6	90.2	62.9	30.9	14.5	5.4	1.3	54.9	848
18-20	100.0	100.0	99.4	94.2	76.8	44.8	20.6	8.3	1.5	58.9	840
21-23	100.0	99.7	98.8	93.9	77.1	46.7	24.1	9.7	.9	59.5	689
ALL HOURS	100.0	99.8	99.1	93.0	74.9	44.6	21.6	8.8	1.1	58.8	5902

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.5	95.4	85.6	67.1	44.0	24.5	6.6	.2	56.7	605
03-05	100.0	98.9	96.8	87.8	66.3	46.7	30.3	9.0	.4	58.2	567
06-08	100.0	99.4	97.8	90.2	75.7	53.8	33.5	12.9	1.0	60.9	860
09-11	100.0	99.0	94.9	82.4	59.9	39.0	18.4	5.5	.4	54.3	917
12-14	100.0	98.7	90.4	65.8	34.7	15.4	4.9	.5		45.4	924
15-17	99.7	98.1	86.3	55.6	25.4	11.2	2.7	.2	.1	42.5	928
18-20	100.0	98.5	91.6	70.2	38.6	20.0	9.2	2.3		47.5	927
21-23	100.0	99.4	96.3	85.4	60.3	33.2	17.9	5.7	.3	54.3	794
ALL HOURS	100.0	98.9	93.3	76.7	51.8	31.4	16.5	5.0	.3	51.8	6522

MONTH: APR

00-02	100.0	100.0	97.7	86.5	65.5	39.9	18.8	6.8	.2	56.2	666
03-05	100.0	100.0	98.0	90.7	77.0	52.6	25.2	8.1	.5	59.8	666
06-08	100.0	98.7	95.8	87.9	70.3	44.7	22.6	7.9	.5	57.1	853
09-11	100.0	97.2	87.5	59.8	33.2	17.5	7.3	1.9	.1	45.0	898
12-14	100.0	94.7	71.5	34.9	18.2	8.2	3.6	1.2		37.4	895
15-17	100.0	93.2	60.8	27.7	11.8	6.8	3.4	1.4		34.9	888
18-20	100.0	96.1	73.5	41.4	19.0	10.5	5.4	2.2		39.4	874
21-23	100.0	98.4	92.6	74.8	46.7	23.4	13.1	4.4		49.9	769
ALL HOURS	100.0	97.1	83.6	60.9	40.6	24.0	11.7	4.0	.1	46.6	6509

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO						90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%			
00-02	100.0	99.5	95.3	83.3	61.1	41.8	25.0	8.4	.3	55.8	663
03-05	100.0	99.4	97.7	87.5	71.0	49.8	32.1	9.4	.4	59.3	689
06-08	100.0	99.4	95.8	80.2	58.0	36.8	21.3	8.8	.7	54.5	897
09-11	100.0	98.0	79.1	50.7	30.7	17.1	9.3	4.3	.2	43.5	929
12-14	100.0	92.9	59.9	32.2	17.3	9.9	4.8	1.5		36.4	930
15-17	100.0	90.3	55.4	30.3	15.6	9.1	5.1	1.6		35.0	925
18-20	100.0	94.6	66.2	39.3	22.6	13.8	7.3	2.4		39.0	919
21-23	100.0	98.9	88.8	64.6	43.4	28.4	18.4	8.6		49.8	760
ALL HOURS	100.0	96.3	78.2	56.3	37.9	24.3	14.3	5.3	.2	45.8	6712

MONTH: JUN

00-02	100.0	100.0	98.9	89.4	75.7	58.2	33.9	16.8	.5	61.8	625
03-05	100.0	100.0	98.3	92.2	85.6	70.2	43.9	23.3	.5	65.9	644
06-08	100.0	100.0	97.8	88.4	74.2	54.4	33.9	18.5	1.0	61.1	867
09-11	100.0	99.4	90.6	69.9	49.0	31.8	20.3	10.2	.4	51.6	898
12-14	100.0	97.7	77.3	50.3	33.0	20.6	11.0	5.8	.2	44.3	898
15-17	100.0	96.0	72.7	46.8	30.2	18.3	10.5	5.7	.4	42.5	894
18-20	100.0	97.1	77.8	54.0	35.4	23.4	13.1	6.8	.7	45.3	896
21-23	100.0	100.0	95.3	79.3	59.9	40.8	23.0	10.6	.6	55.4	725
ALL HOURS	100.0	98.6	87.6	69.4	53.1	37.7	22.5	11.6	.5	52.5	6447

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	98.7	92.4	83.7	65.8	40.3	2.3	72.7	682
03-05	100.0	100.0	100.0	99.6	96.5	90.1	75.8	44.8	2.2	75.2	690
06-08	100.0	100.0	99.7	98.9	94.8	84.0	58.1	30.5	1.3	71.2	898
09-11	100.0	100.0	99.1	94.1	77.6	55.0	29.2	14.9	1.5	61.5	926
12-14	100.0	100.0	94.7	78.8	53.2	29.8	16.7	5.7	.4	52.3	926
15-17	100.0	99.9	91.0	73.4	48.1	28.2	12.2	6.7		50.2	927
18-20	100.0	99.9	94.2	81.6	60.9	40.2	22.9	10.7	.3	55.4	929
21-23	100.0	100.0	99.4	95.5	88.1	71.0	49.8	26.0	1.7	67.5	801
ALL HOURS	100.0	100.0	97.0	89.3	74.9	58.0	39.0	20.9	1.2	62.4	6779

MONTH: AUG

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.7	99.2	93.7	80.9	71.7	54.7	35.3	1.4	68.3	632
03-05	100.0	100.0	99.6	96.7	86.9	80.9	70.0	44.2	4.6	73.0	674
06-08	100.0	100.0	99.9	98.1	90.3	84.4	67.7	42.6	5.1	73.3	899
09-11	100.0	100.0	99.9	92.0	78.2	58.0	37.6	20.6	1.3	63.2	926
12-14	100.0	100.0	96.8	73.6	50.1	32.2	16.3	7.8	.4	52.4	925
15-17	100.0	99.8	93.1	66.5	42.3	24.7	12.5	5.8	.2	49.0	928
18-20	100.0	99.9	96.7	80.2	57.4	39.8	21.2	10.4	.4	55.1	930
21-23	100.0	100.0	99.3	92.5	78.0	63.4	47.4	26.8	1.9	65.3	755
ALL HOURS	100.0	99.9	97.9	85.8	69.2	55.0	38.9	22.8	1.8	61.7	6669

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%	90%				
00-02	100.0	99.7	99.0	93.8	88.1	77.3	59.2	32.1	1.6	69.7	613
03-05	100.0	100.0	99.8	96.3	88.5	82.5	66.4	37.8	2.0	72.2	645
06-08	100.0	100.0	99.8	96.9	89.7	79.7	64.7	37.8	3.4	71.9	870
09-11	100.0	100.0	99.4	92.1	79.3	59.6	41.2	18.8	1.4	63.7	898
12-14	100.0	99.9	97.0	76.5	53.3	32.3	16.1	7.6	.3	52.9	899
15-17	100.0	99.4	93.9	68.9	44.8	23.4	13.8	6.1	.1	49.6	900
18-20	100.0	99.3	97.6	86.6	65.0	43.0	23.7	10.0	1.1	57.2	900
21-23	100.0	99.9	98.9	95.4	85.6	73.4	50.3	25.7	1.9	67.5	696
ALL HOURS	100.0	99.8	98.0	87.5	72.7	56.6	39.8	20.7	1.4	62.3	6421

MONTH: OCT

00-02	100.0	100.0	100.0	98.1	91.0	79.6	64.6	36.8	5.4	72.1	633
03-05	100.0	100.0	100.0	97.0	91.3	81.2	65.9	41.0	5.5	72.7	634
06-08	100.0	100.0	100.0	97.8	93.5	83.1	66.2	43.7	6.6	73.6	894
09-11	100.0	100.0	99.9	97.5	92.3	81.0	62.1	37.7	6.7	72.1	928
12-14	100.0	100.0	99.6	95.6	85.3	68.8	47.7	19.0	1.4	66.4	928
15-17	100.0	100.0	99.8	94.6	83.1	65.5	45.7	15.9	1.4	65.3	930
18-20	100.0	100.0	99.9	97.3	89.1	76.1	57.7	30.9	3.3	70.2	928
21-23	100.0	100.0	99.9	97.8	90.1	79.2	64.7	36.4	4.8	71.9	756
ALL HOURS	100.0	100.0	99.9	96.9	89.3	76.4	58.6	32.0	4.3	70.3	6631

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%	90%			
00-02	100.0	100.0	99.7	97.9	93.9	74.5	53.8	26.6	4.1	69.4		628
03-05	100.0	99.7	99.0	95.7	91.5	74.2	52.2	29.8	3.2	68.5		598
06-08	100.0	99.9	99.5	97.5	91.6	72.0	49.9	25.2	2.6	68.0		854
09-11	100.0	100.0	99.7	98.1	91.9	72.5	49.4	28.4	3.0	68.7		888
12-14	100.0	99.9	99.2	96.9	89.9	69.1	43.4	21.3	2.7	66.7		891
15-17	100.0	99.8	99.7	96.8	89.1	69.6	40.8	21.4	2.3	66.3		888
18-20	100.0	100.0	99.3	97.3	91.5	72.6	46.1	24.7	2.0	67.6		895
21-23	100.0	100.0	99.2	97.9	91.7	72.9	51.9	26.0	2.9	68.4		770
ALL HOURS	100.0	99.9	99.4	97.3	91.3	72.0	48.0	25.2	2.8	67.9		6412

MONTH: DEC

00-02	100.0	99.8	99.5	96.7	87.3	58.8	31.3	13.9	.5	63.1		582
03-05	100.0	100.0	99.3	95.9	85.4	59.8	29.4	13.7	1.4	62.8		562
06-08	100.0	100.0	98.5	93.1	81.2	58.0	28.3	12.5	.9	61.7		861
09-11	100.0	100.0	98.7	93.5	78.4	54.1	27.4	14.0	.6	61.1		895
12-14	100.0	100.0	99.6	94.8	80.1	53.5	29.3	12.6	.4	61.5		904
15-17	100.0	100.0	99.1	94.1	80.3	50.2	28.2	13.0	.4	60.7		898
18-20	100.0	100.0	99.2	94.1	80.3	53.2	28.6	12.5	.2	61.0		887
21-23	100.0	99.6	99.1	95.3	82.0	56.4	28.0	11.2	.5	61.6		739
ALL HOURS	100.0	99.9	99.1	94.5	81.4	55.1	28.7	12.9	.6	61.6		6328

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.8	98.4	92.3	79.9	61.5	41.0	20.7	1.5	64.0	7456
03-05	100.0	99.8	98.8	93.8	83.2	67.2	46.5	24.3	1.9	66.0	7475
06-08	100.0	99.8	98.5	93.0	82.0	63.8	42.4	22.6	2.1	64.9	10328
09-11	100.0	99.4	95.5	84.5	68.9	49.3	29.8	15.3	1.5	58.9	10767
12-14	100.0	98.6	90.2	73.1	55.0	35.7	19.6	8.3	.7	52.6	10830
15-17	100.0	98.0	87.3	69.5	50.8	32.4	17.8	7.8	.6	50.9	10821
18-20	100.0	98.8	91.1	77.3	59.6	41.0	23.7	11.1	.9	54.8	10779
21-23	100.0	99.6	97.1	88.7	73.6	53.8	34.9	17.1	1.3	61.1	8998
ALL HOURS	100.0	99.2	94.2	83.1	67.9	49.2	30.8	15.3	1.3	58.5	77454

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PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1004.4	1004.0	.0	1005.7	1009.9	.0	1015.8	.0	.0	1012.3	1005.9	1008.1	1006.3
	SD	9.943	9.922	.000	.000	.000	.000	1.000	.000	.000	4.322	.000	15.915	10.822
	TOT OBS	38	12	0	1	1	0	2	0	0	9	1	12	76
0300	MEAN	1006.6	1011.7	1010.3	1009.0	1010.9	1011.1	1014.4	1014.5	1011.6	1010.6	1013.2	1009.0	1011.0
	SD	12.753	12.643	11.970	10.982	7.620	6.948	5.218	7.596	9.016	11.706	13.437	13.077	10.691
	TOT OBS	106	83	95	119	112	106	122	95	99	106	93	97	1233
0600	MEAN	1008.3	1015.5	1012.4	1010.7	1011.3	1011.1	1013.6	1013.1	1011.3	1009.8	1009.8	1011.0	1011.5
	SD	13.857	16.122	11.705	10.709	7.617	7.183	5.690	7.592	8.952	11.351	13.419	15.392	10.881
	TOT OBS	208	174	184	161	285	291	308	306	299	295	205	218	2934
0900	MEAN	1011.0	1015.0	1011.7	1010.1	1010.7	1010.9	1013.6	1013.5	1011.5	1009.7	1008.8	1012.2	1011.5
	SD	15.251	16.077	10.628	10.361	7.823	7.241	5.726	7.481	9.026	11.409	13.129	16.090	11.518
	TOT OBS	309	282	307	299	306	291	309	283	298	310	300	309	3603
1200	MEAN	1011.1	1015.2	1011.3	1009.7	1010.2	1010.5	1013.2	1012.8	1011.2	1009.6	1008.9	1012.5	1011.3
	SD	14.782	15.913	10.427	10.257	7.665	7.227	5.734	7.425	8.935	11.418	13.136	16.022	11.368
	TOT OBS	304	280	307	298	310	294	308	302	299	308	297	309	3616
1500	MEAN	1011.1	1014.8	1010.7	1009.0	1009.6	1009.9	1012.5	1012.2	1010.6	1009.3	1008.6	1012.1	1010.8
	SD	15.280	15.826	10.227	10.229	7.567	7.205	5.688	7.384	8.792	11.382	13.099	15.997	11.366
	TOT OBS	305	280	308	297	309	294	307	307	300	309	299	309	3624
1800	MEAN	1011.0	1014.8	1010.6	1008.9	1009.6	1009.5	1012.1	1011.8	1010.5	1009.3	1008.8	1012.1	1010.7
	SD	15.170	15.914	10.175	10.608	7.299	7.070	5.516	7.432	8.696	11.317	13.257	15.993	11.360
	TOT OBS	303	273	306	260	283	290	307	308	299	308	294	300	3531
2100	MEAN	1011.3	1015.2	1011.1	1008.9	1009.9	1009.5	1012.4	1012.1	1010.6	1009.6	1008.9	1012.1	1011.0
	SD	15.147	15.672	10.215	10.662	7.603	6.984	5.440	7.375	8.654	10.856	13.298	16.049	11.869
	TOT OBS	306	280	303	231	207	208	211	195	191	210	294	300	2936
ALL HOURS	MEAN	1010.4	1014.8	1011.2	1009.5	1010.3	1010.3	1013.0	1012.7	1011.0	1009.6	1009.1	1011.9	1011.1
	SD	14.860	15.771	10.590	10.495	7.626	7.177	5.655	7.498	8.875	11.319	13.258	15.837	11.365
	TOT OBS	1879	1664	1810	1666	1813	1774	1874	1796	1785	1855	1783	1854	21553

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.70	29.86	29.77	29.75	29.78	29.84	29.95	29.87	29.85	29.75	29.72	29.67	29.79
	SD	.441	.480	.336	.280	.218	.202	.157	.228	.254	.319	.376	.388	.334
	TOT OBS	161	146	131	130	137	142	161	131	124	151	142	143	1699
0300	MEAN	29.67	29.85	29.77	29.74	29.80	29.84	29.95	29.88	29.85	29.76	29.73	29.67	29.79
	SD	.438	.472	.322	.295	.221	.207	.166	.224	.250	.315	.380	.381	.329
	TOT OBS	179	157	161	184	177	167	188	164	148	168	164	171	2028
0600	MEAN	29.66	29.80	29.76	29.74	29.80	29.83	29.91	29.88	29.80	29.71	29.65	29.70	29.78
	SD	.430	.452	.314	.290	.222	.209	.165	.217	.257	.319	.377	.434	.320
	TOT OBS	240	209	195	193	302	296	307	307	299	293	209	229	3079
0900	MEAN	29.68	29.80	29.74	29.74	29.80	29.83	29.91	29.88	29.81	29.71	29.63	29.72	29.77
	SD	.418	.460	.291	.293	.227	.209	.167	.217	.256	.322	.369	.449	.330
	TOT OBS	310	281	307	297	305	297	306	303	295	309	300	309	3619
1200	MEAN	29.69	29.82	29.74	29.73	29.79	29.82	29.90	29.87	29.80	29.71	29.63	29.73	29.77
	SD	.420	.458	.287	.291	.222	.208	.165	.214	.256	.323	.371	.447	.327
	TOT OBS	309	281	305	295	308	294	306	304	298	307	295	308	3610
1500	MEAN	29.69	29.80	29.72	29.71	29.77	29.79	29.88	29.85	29.78	29.70	29.63	29.72	29.75
	SD	.420	.459	.283	.290	.220	.207	.163	.213	.252	.321	.370	.446	.325
	TOT OBS	308	281	307	294	307	296	308	309	299	309	298	309	3625
1800	MEAN	29.68	29.81	29.72	29.71	29.75	29.78	29.87	29.84	29.78	29.70	29.63	29.72	29.75
	SD	.421	.454	.281	.292	.214	.205	.159	.215	.250	.319	.372	.445	.323
	TOT OBS	306	279	306	286	304	295	305	307	299	310	298	306	3601
2100	MEAN	29.68	29.81	29.73	29.72	29.78	29.80	29.89	29.85	29.80	29.71	29.63	29.72	29.76
	SD	.419	.454	.279	.293	.219	.203	.167	.219	.244	.313	.371	.445	.328
	TOT OBS	308	280	307	277	277	270	287	273	248	280	298	308	3413
ALL HOURS	MEAN	29.68	29.81	29.74	29.73	29.78	29.81	29.90	29.86	29.80	29.71	29.65	29.71	29.77
	SD	.424	.460	.295	.292	.221	.208	.166	.218	.254	.320	.374	.437	.327
	TOT OBS	2121	1914	2019	1956	2117	2057	2168	2098	2010	2127	2004	2083	24674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	28.35	28.51	28.42	28.40	28.42	28.48	28.59	28.51	28.49	28.39	28.37	28.32	28.44
	SD	.425	.461	.324	.270	.210	.195	.151	.220	.244	.308	.363	.373	.321
	TOT OBS	161	146	131	131	137	141	162	130	126	150	141	143	1699
0300	MEAN	28.33	28.49	28.40	28.38	28.44	28.47	28.57	28.52	28.48	28.40	28.37	28.32	28.43
	SD	.420	.452	.308	.282	.215	.198	.157	.212	.237	.303	.364	.365	.314
	TOT OBS	179	158	160	184	177	167	188	165	147	170	62	171	2028
0600	MEAN	28.34	28.46	28.42	28.40	28.46	28.49	28.57	28.54	28.47	28.38	28.32	28.37	28.44
	SD	.415	.437	.302	.281	.215	.202	.159	.210	.246	.309	.364	.418	.308
	TOT OBS	240	205	196	191	304	294	307	307	301	294	209	231	3079
0900	MEAN	28.35	28.47	28.41	28.40	28.46	28.49	28.57	28.54	28.47	28.37	28.30	28.39	28.44
	SD	.403	.445	.280	.282	.219	.203	.160	.210	.245	.310	.355	.430	.318
	TOT OBS	310	281	307	297	305	297	306	303	295	309	300	309	3619
1200	MEAN	28.36	28.48	28.40	28.39	28.45	28.48	28.56	28.53	28.46	28.38	28.30	28.40	28.43
	SD	.405	.443	.278	.281	.215	.201	.159	.207	.246	.311	.358	.429	.316
	TOT OBS	309	281	305	295	308	294	306	304	298	307	295	308	3610
1500	MEAN	28.35	28.46	28.39	28.38	28.43	28.46	28.54	28.52	28.45	28.37	28.30	28.39	28.42
	SD	.404	.443	.273	.279	.212	.200	.157	.206	.242	.310	.356	.428	.313
	TOT OBS	308	281	307	294	307	296	308	309	299	309	298	309	3625
1800	MEAN	28.35	28.47	28.38	28.37	28.42	28.45	28.53	28.50	28.45	28.37	28.30	28.39	28.41
	SD	.406	.437	.271	.282	.208	.199	.154	.207	.240	.307	.357	.427	.311
	TOT OBS	306	279	306	286	304	295	305	307	299	310	298	306	3601
2100	MEAN	28.35	28.47	28.39	28.38	28.44	28.45	28.54	28.50	28.46	28.37	28.30	28.39	28.42
	SD	.404	.438	.269	.282	.214	.196	.158	.210	.232	.303	.358	.427	.315
	TOT OBS	308	280	307	277	277	270	287	273	248	280	298	308	3413
ALL HOURS	MEAN	28.35	28.47	28.40	28.39	28.44	28.47	28.55	28.52	28.46	28.37	28.31	28.38	28.43
	SD	.409	.443	.284	.281	.214	.200	.159	.210	.242	.308	.360	.419	.314
	TOT OBS	2121	1911	2019	1955	2119	2054	2169	2098	2013	2129	2001	2085	24674

F - 4 - 1

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	34.4	19.9	8.4	718	32.9	21.6	9.6	718	31.0	19.7	9.5	922	30.9	18.4	8.5	923
CATEGORY B	34.2	19.8	8.3	722	32.7	21.5	9.6	721	30.8	19.4	9.4	938	29.6	17.7	8.1	963

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	31.7	18.7	8.2	924	34.7	18.6	8.0	920	37.2	20.0	7.0	919	36.1	21.5	8.7	831
CATEGORY B	31.2	18.5	8.1	945	34.2	18.4	7.9	938	37.0	19.9	6.9	928	36.0	21.5	8.6	833

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	33.1	19.1	8.2	4608	33.6	19.7	8.5	6875
CATEGORY B	32.5	18.8	8.1	4712	33.1	19.5	8.3	6988

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	24.8	10.4	3.9	642	23.4	11.3	4.3	627	21.9	10.4	4.5	830	23.1	11.2	4.3	847
CATEGORY B	24.8	10.4	3.9	642	23.4	11.3	4.3	628	21.2	10.0	4.3	860	22.4	10.8	4.1	879

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	25.6	12.0	3.8	847	24.4	10.8	3.2	848	23.1	10.8	3.2	843	23.6	11.7	3.0	733
CATEGORY B	25.1	11.8	3.7	866	24.0	10.6	3.1	864	23.0	10.7	3.2	848	23.6	11.7	3.0	734

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	23.7	11.1	3.8	4215	23.7	11.1	3.7	6217
CATEGORY B	23.1	10.8	3.7	4317	23.4	10.9	3.7	6321

OPERATING LOCATION: "A"
USAFETAC, PAFAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	12.1	4.1	1.0	700	15.5	5.9	.8	664	14.7	5.4	1.3	897	18.0	7.2	1.2	927
CATEGORY B	12.1	4.1	1.0	700	15.5	5.9	.8	664	14.3	5.2	1.3	920	17.6	7.1	1.2	947

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	19.0	6.8	1.3	928	15.5	5.8	1.0	928	12.2	3.7	.9	928	9.9	2.5	.5	825
CATEGORY B	18.7	6.7	1.3	946	15.3	5.8	1.0	939	12.1	3.6	.9	936	9.9	2.5	.5	826

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	15.9	5.8	1.1	4608	14.7	5.2	1.0	6797
CATEGORY B	15.6	5.7	1.1	4688	14.6	5.2	1.0	6878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7			756	1.5			757	2.4	.3		885	4.9	.8	.1	899
CATEGORY B	.7			756	1.5			758	2.3	.3		905	4.8	.8	.1	914

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.7	1.0	.1	897	3.4	.9	.1	888	1.5	.1		874	.4			800
CATEGORY B	5.6	1.0	.1	903	3.4	.9	.1	891	1.5	.1		880	.4			800

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.6	.6	.1	4443	2.6	.4	.0	6756
CATEGORY B	3.5	.6	.1	4493	2.6	.4	.0	6807

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			763				790	.6	.1		928	1.5	.1		929
CATEGORY B	.1			764				794	.6	.1		944	1.5	.1		942

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.5	.1		930	1.4	.2		925	.9			920				802
CATEGORY B	1.5	.1		940	1.5	.2		936	1.0			923				802

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2	.1		4632	.8	.1		6987
CATEGORY B	1.2	.1		4685	.8	.1		7045

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			725	.7	.1		748	1.0	.2		897	2.0	.3	.1	898
CATEGORY B	.6			725	.7	.1		750	1.0	.2		915	2.0	.3	.1	906

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.8			899	1.3	.1		894	.7			896	.3			766
CATEGORY B	1.8			904	1.3	.1		906	.7			900	.3			766

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.1	.0	4484	1.1	.1	.0	6723
CATEGORY B	1.3	.1	.0	4531	1.1	.1	.0	6772

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				734				753	.1			929	.5			929
CATEGORY B				734				758	.1			950	.5			939

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.1		929	.3			929	.3			930	.1			793
CATEGORY B	.4	.1		936	.3			939	.4			940	.1			793

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		4646	.2	.0		6926
CATEGORY B	.4	.0		4704	.3	.0		6989

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			713				756	.1			930	1.4	.3		926
CATEGORY B	.1			713				761	.1			948	1.4	.3		933

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.1	.2		926	1.4			929	1.1	.2		930	.1			783
CATEGORY B	2.0	.2		930	1.4			934	1.1	.2		936	.1			783

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2	.2		4641	.8	.1		6893
CATEGORY B	1.2	.1		4681	.8	.1		6938

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.0	.6		697	3.8	.3		729	5.3	1.1		900	7.7	1.6	.3	898
CATEGORY B	4.0	.6		697	3.8	.3		735	5.2	1.1		930	7.5	1.5	.3	917

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.7	1.9	.2	899	6.0	1.2	.1	900	3.2	.8		900	2.5	.8	.1	726
CATEGORY B	7.6	1.9	.2	910	5.9	1.2	.1	909	3.2	.8		908	2.5	.8	.1	726

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.0	1.3	.1	4497	5.2	1.1	.1	6649
CATEGORY B	5.9	1.3	.1	4574	5.1	1.1	.1	6732

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETI RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
TIME (LST) | 0000 - 0200 0300 - 0500 0600 - 0800 0900 - 1100
SPEED (KTS) | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS
CATEGORY A | 7.9 4.0 1.0 707 9.3 3.5 .3 706 12.3 4.6 .8 925 14.1 5.6 1.3 928
CATEGORY B | 7.9 4.0 1.0 707 9.3 3.5 .3 711 11.7 4.4 .7 977 13.4 5.3 1.2 975
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TIME (LST) | 1200 - 1400 1500 - 1700 1800 - 2000 2100 - 2300
SPEED (KTS) | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS
CATEGORY A | 15.6 6.4 1.3 929 11.9 4.3 1.2 930 11.9 4.7 1.3 928 8.5 3.3 .8 781
CATEGORY B | 15.1 6.2 1.3 958 11.6 4.2 1.1 958 11.6 4.7 1.3 946 8.5 3.3 .8 781
.....
.....

.....
TIME (LST) | 0600 - 2000 ALL HOURS
SPEED KTS | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS
CATEGORY A | 13.2 5.1 1.2 4640 11.7 4.6 1.0 6834
CATEGORY B | 12.7 4.9 1.1 4814 11.4 4.5 1.0 7013
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	20.1	10.2	4.0	706	22.3	10.6	3.7	678	26.2	13.5	4.4	887	27.5	14.5	4.9	898
CATEGORY B	20.1	10.2	4.0	706	22.3	10.6	3.7	678	25.1	13.0	4.2	924	26.4	13.9	4.7	935

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	28.5	15.4	6.0	896	29.6	13.1	3.2	893	27.3	13.7	3.3	898	22.1	11.7	2.9	798
CATEGORY B	27.8	15.1	5.9	920	28.8	12.7	3.2	920	27.1	13.6	3.3	905	22.0	11.6	2.9	799

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.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	27.8	14.0	4.4	4472	25.7	13.0	4.1	6654
CATEGORY B	27.0	13.7	4.3	4604	25.3	12.8	4.0	6787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	30.8	13.7	3.5	714	32.2	16.0	4.5	687	28.5	14.5	4.2	923	32.5	16.9	4.4	930
CATEGORY B	30.8	13.7	3.5	714	32.2	16.0	4.5	687	28.3	14.6	4.4	939	31.8	16.6	4.5	963

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	31.9	14.4	5.0	928	32.7	16.4	4.9	926	32.4	14.9	5.3	922	32.4	15.5	4.3	808
CATEGORY B	31.4	14.3	5.0	945	32.4	16.3	4.8	935	32.3	14.8	5.3	925	32.3	15.4	4.3	810

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	31.6	15.4	4.8	4629	31.7	15.3	4.5	6838
CATEGORY B	31.3	15.3	4.8	4707	31.4	15.2	4.6	6918

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	11.1	5.1	1.8	8575	11.2	5.5	1.8	8613	11.9	5.8	2.0	10853	13.6	6.4	2.1	10932
CATEGORY B	11.0	5.1	1.8	8580	11.2	5.5	1.8	8645	11.7	5.7	2.0	11150	13.3	6.3	2.0	11213

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	14.2	6.4	2.1	10932	13.5	5.9	1.8	10910	12.6	5.7	1.7	10888	11.5	5.7	1.7	9446
CATEGORY B	14.1	6.3	2.1	11103	13.3	5.9	1.8	11069	12.5	5.7	1.7	10975	11.5	5.7	1.7	9453

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	13.2	6.0	2.0	54515	12.6	5.9	1.9	81149
CATEGORY B	13.0	6.0	1.9	55510	12.4	5.8	1.9	82188

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1980	****	1328	1346	767	387	****	****	****	655	****	****	****	4483
1981	1247	1503	1063	1070	335	268	213	291	****	****	1597	****	7587
1982	2428	1948	****	1155	659	264	174	****	****	****	****	****	6628
MEAN	1837	1593	1204	997	460	266	193	291	655		1597		
SD	835.09	319.65	200.11	203.95	174.00	2.83	27.58						

H - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 702670

STATION NAME: BIG DELTA/ALLEN AAF AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1981					2				****	****		****	2
1982			****			11	8	****	****	****	****	****	19
MEAN					0	5	4						
SD					1.15	7.78	5.66						

H - 3 - 1

A W S	STATION NAME: BIG DELTA/ALLEN AAF AK												FIELD ELEV: 1276 FT															
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 64 00 N 145 44 W												STATION MSC:702670/702673															
	HOURLY OBS POR: JAN 80 - DEC 89												CALL SIGN: BIG/PABI															
	SUMMARY OF DAY POR: OCT 45-DEC 64, AUG 74-DEC 89 (FULL TIME), JAN 65-JUL 74 (PART TIME)																											
	HOURS SUMMARIZED: 00 - 23 LST EXCEPT VARIABLE HOURS (6501-7407)																											
AUG 90	LST TO UTC: +09												SUPERSEDES: OCT 70															
MONTH															JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
Q EXTRM MAX TEMP (F)															48	51	58	72	90	92	91	88	79	66	52	55	92	48
MEAN MAX TEMP (F)															3	11	24	40	57	67	69	65	53	32	13	5	36	44
MEAN TEMP (F)															-4	2	13	30	47	57	60	55	44	25	7	-3	28	44
MEAN MIN TEMP (F)															-12	-7	2	20	37	47	51	46	35	18	-1	-10	19	44
Q EXTRM MIN TEMP (F)															-61	-60	-49	-37	-1	30	32	22	-2	-39	-47	-62	-62	48
D/W TEMP GE 80 (F)															0	0	0	0	1	2	3	1	0	0	0	0	7	44
D/W TEMP GE 70 (F)															0	0	0	#	2	10	15	8	1	0	0	0	36	44
D/W TEMP LT 33 (F)															31	28	30	26	8	#	#	1	10	28	30	31	223	44
D/W TEMP LT 0 (F)															20	17	13	3	0	0	0	0	#	3	14	20	90	44
Q HEATING DEGREE DAYS															2213	1764	1659	1029	567	247	165	297	627	1243	1722	2164	13697	30
Q COOLING DEGREE DAYS															0	0	0	0	0	10	10	9	0	0	0	0	29	30
Q MEAN DEWPOINT TEMP (F)															*	*	*	12	27	38	45	40	30	16	*	*	*	10
Q MEAN WET BULB TEMP (F)															*	*	*	25	39	48	52	47	38	22	*	*	*	10
99.95% WCPA (FT)															2700	2700	2300	2300	2050	1950	1750	1950	2100	2400	2600	2700	2350	10
MEAN REL HUM 07 LST(%)															62.0	61.7	60.9	57.1	54.5	61.1	71.2	73.3	71.9	73.6	68.0	61.7	64.9	10
MEAN REL HUM 13 LST(%)															60.0	56.5	45.4	37.4	36.4	44.3	52.3	52.4	52.9	66.4	66.7	61.5	52.6	10
Q MAX 24HR PRECIP (IN)															.73	.44	.38	.94	1.16	2.14	2.06	1.26	1.17	.54	.43	.90	2.14	47
Q MAX PRECIP (IN)															1.35	1.33	1.12	1.98	3.07	5.42	6.18	3.72	3.01	2.07	1.38	2.57	17.73	47
MEAN PRECIP (IN)															.37	.28	.25	.27	.94	2.44	2.66	1.92	1.06	.66	.45	.38	11.69	44
Q MIN PRECIP (IN)															#	#	#	#	.02	.51	.71	.62	.14	#	.03	#	6.02	47
D/W PRECIP GE .01 (IN)															6	5	5	5	6	12	13	12	9	9	8	7	97	44
D/W PRECIP GT .50 (IN)															#	0	0	#	1	1	1	1	1	#	0	#	5	44
MAX 24HR SNFL (IN)															8.5	5.5	6.4	10.0	9.3	#	0	#	8.0	10.4	5.8	10.0	10.4	44
MAX SNFL (IN)															20.9	15.9	24.9	19.0	10.9	#	0	#	14.0	19.8	24.7	29.0	84.2	44
MEAN SNFL (IN)															5.8	4.4	4.2	3.1	.7	#	0	#	1.7	9.2	7.5	5.9	42.4	44
D/W SNFL GE .1 (IN)															6	5	5	4	1	0	0	0	1	9	8	7	46	44
D/W SNFL GE 1.5 (IN)															1	1	1	1	#	0	0	0	1	2	2	1	10	44
MAX DLY SNO DEPTH (IN)															55	59	50	40	13	#	0	#	6	14	19	49	59	44
PRVLNG WND DIR (DEG)															11-13	11-13	08-10	26-28	23-25	23-25	23-25	23-25	08-10	11-13	11-13	11-13	11-13	10
MEAN WND SPD (KTS)															11	9	8	7	7	6	5	6	7	7	9	11	8	10
Q MAX WND SPD (KTS)															65	52	55	52	48	44	55	77	57	50	49	55	65	23
SKY COVER GT 5/10 (%)															56.8	59.7	49.3	59.7	70.2	73.8	75.5	75.4	75.3	77.0	64.8	57.6	66.3	10
D/W THUNDERSTORMS															0	0	0	#	1	2	2	1	0	0	0	0	6	44
D/W FOG (VSBY LT 7 MI)															11	8	5	4	2	2	3	5	7	10	9	10	76	44
LEGEND: ANN = ANNUAL															POR/YOR = PERIOD/YEARS OF RECORD													
D/W = MEAN NUMBER OF DAYS WITH															WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE													
& = BASED ON LESS THAN FULL MONTHS															# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE													
** = INSTANTANEOUS PEAK WINDS															\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN													
* = DATA NOT AVAILABLE															WIND DIRECTION													

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY (00-02, 03-05 GROUPS SET TO MISSING BECAUSE OF LOW OBS COUNTS)															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	13.3	13.9	10.3	10.6	10.9	17.1	15.2	22.2	22.3	36.1	20.7	11.5	17.0	10
	09 - 11	17.3	16.8	8.6	10.3	11.9	16.5	17.9	22.8	22.5	37.3	21.3	13.9	18.1	10
	12 - 14	15.0	14.8	7.0	9.2	9.6	12.4	14.4	20.7	21.3	36.0	18.4	14.6	16.1	10
	15 - 17	14.6	13.3	7.4	8.0	7.2	10.6	9.7	15.1	16.7	31.6	19.4	14.7	14.0	10
	18 - 20	13.1	12.3	6.9	8.2	7.5	8.3	8.5	12.2	14.7	30.8	18.7	13.6	12.9	10
	21 - 23	14.6	12.8	6.1	7.4	9.1	8.2	8.6	12.8	20.2	34.2	23.2	12.8	14.2	10
	ALL	14.2	14.0	7.8	9.1	9.4	13.1	12.9	18.4	19.3	34.4	20.0	13.7	15.6	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	8.8	9.2	5.4	5.7	5.6	6.6	6.8	11.9	12.7	25.7	12.4	6.7	9.8	10
	09 - 11	13.6	12.0	4.5	5.7	6.5	6.4	8.7	13.2	13.0	27.5	15.1	9.6	11.3	10
	12 - 14	12.2	11.0	3.5	4.2	3.7	5.4	6.3	9.9	10.0	25.4	11.6	10.3	9.5	10
	15 - 17	10.7	9.9	3.6	4.4	3.0	3.5	3.4	6.1	7.7	22.1	9.8	8.8	7.7	10
	18 - 20	8.9	7.4	3.2	4.0	2.2	2.8	2.4	4.7	9.1	17.9	9.8	8.1	6.7	10
	21 - 23	10.0	5.6	3.5	3.0	3.8	2.5	2.3	7.2	12.6	22.1	10.7	7.4	7.6	10
	ALL	10.4	9.4	3.9	4.7	4.2	4.9	5.4	9.1	10.5	23.8	11.6	8.6	9.0	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	6.3	5.9	2.4	3.6	2.2	3.0	4.4	7.0	9.9	19.3	8.1	3.4	6.3	10
	09 - 11	10.6	7.4	2.6	2.5	2.8	2.7	4.7	7.5	9.7	18.6	9.9	6.5	7.1	10
	12 - 14	9.0	5.1	1.6	2.5	1.4	2.1	2.3	4.3	5.8	13.9	6.3	7.0	5.1	10
	15 - 17	7.9	5.7	1.4	2.4	.8	1.6	1.7	2.1	3.6	11.2	4.9	6.0	4.1	10
	18 - 20	6.5	5.1	1.8	3.0	.9	.6	1.0	2.2	4.0	9.3	5.2	4.8	3.7	10
	21 - 23	7.5	3.8	1.6	2.0	.8	.0	.8	3.2	6.7	13.7	4.7	3.7	4.0	10
	ALL	7.7	5.6	1.9	2.7	1.7	2.0	2.7	4.6	6.6	14.9	6.7	5.5	5.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	.4	.5	.3	.0	.3	.2	.2	1.4	2.2	2.3	.1	.0	.7	10
	09 - 11	2.1	.5	.1	.2	.0	.0	.0	.2	.8	1.2	.9	.5	.5	10
	12 - 14	1.0	.5	.0	.2	.0	.0	.0	.0	.3	.1	.2	1.2	.3	10
	15 - 17	.4	.2	.0	.1	.1	.0	.0	.0	.1	.4	.2	.9	.2	10
	18 - 20	.8	.4	.0	.1	.2	.0	.1	.0	.0	.4	.0	.3	.2	10
	21 - 23	1.2	.5	.0	.0	.0	.0	.0	.8	.0	1.6	.3	.5	.4	10
	ALL	.9	.4	.1	.1	.2	.0	.1	.4	.7	1.0	.3	.6	.4	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @ SUMMARY OF THE DAY AND HEATING/COOLING DEGREE DAY DATA SUPPLEMENTED FROM:

LOCAL CLIMATOLOGICAL DATA (1989) FOR BIG DELTA, ALASKA (SOD POR 1942-1989).

@@ MEAN DEW POINT/WET BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS NOT REPORTED WHEN TEMPERATURE IS BELOW -35 DEG F (SEE BIG DELTA SOCS, NOTE 1, PAGE E-1-2).

DISTRIBUTION

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11WS/DON, Elmendorf AFB, AK 99506-5000	2
USAFETAC/LDD, Scott AFB, IL 62225-5438	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
AWSTL, Scott AFB, IL 62225-5000	3